

The 405th meeting of the State Expert Appraisal Committee (SEAC) was held on 08th November, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Shri R. S. Kori, Secretary.

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

1. Case No. – 6630/2019 Shri Akeel Ahmed, M/s National Granite, Janram Toritya, Ward No. 65, Dist. Chhatarpur, MP, Prior Environment Clearance for Crusher Stone Quarry in an area of 3.40 ha. (1,00,000 cum per annum) (Khasra No. 148 Part), Village - Rampurghosi, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 148 Part), Village - Rampurghosi, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.40 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 4037 dated: 9/7/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 10.993 ha., including this mine.

SALIENT FEATURES OF THIS PROJECT:

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	3.40 ha
Mineable Area	3.40 ha
Existing Pits & Quarries	Nil
Existing Dumps	Nil

Plantation	Nil
Recoverable / Mineable Reserve	959112 cum
Method of mining	FM
Ultimate Depth of Mining	26 m (154 mRL)
Ultimate Pit Slope	45°
Expected Life of Mines	10 years
Lease Period	10year
Capacity per year	100000cum
mode to transportation	Road
Area to be covered under dumps in conceptual period	Nil
Area covered under pit in conceptual period	3.292 ha
Area to be backfilled by conceptual period	Nil
Area to be covered under plantation by conceptual period	0.75ha
Area to be covered under water reservoir	2.313 ha
Elevation	180-154 MRL
Ground water table	
Monsoon period	54 m bgl (150 m MSL)
Dry month	59 m bgl (145 m MSL)
Production per day @300day	333cum
Dumper required per day @20cum/40T	17 nos.

The case was presented by the PP and their consultant to obtain TOR. During presentation PP submitted that the lease is located on a hillock of apprx. 17 meters height and a kachha road is crossing the lease on the western side. PP further submitted that right of access will be provided during mining operations. During presentation it was observed by committee that some trees are in existence in the lease for which PP submitted that these are shrubs and they will provide inventory of trees with the EIA report. Consultant submitted that they have carried out the

monitoring in summer season and presented the findings of monitoring when asked by the committee. Being it's a case of Stone Quarry with total area of 10.993 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Inventory of trees in lease area.
2. Level of mechanization should be discussed in the EIA report.
3. Proposed evacuation route with gradient avoiding habitations shall be discussed in the EIA report as site is located on a hillock.
4. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
5. Actual distance of site from habitations with their protection plan shall be submitted in EIA report.
6. Proposed depth of mine from ground level and if ground water intersection is envisaged geo-hydrological studies shall be carried out.
7. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report with inventory of existing green belt.
8. Proposal for pucca evacuation road (to carry 40 MT truck load) with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report.
9. Transportation shall be done with 40 MT truck load capacity to minimize the number of trips.
10. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.

2. Case No. – 6631/2019 M/s Rajey Minerals, H.No. 64, Sun City Colony, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (2,08,500 cum per annum) (Khasra No. 589 P), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 589 P), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed

format duly verified in the Collector Office letter No.1905 dated: 05/04/19 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 24.00 ha., including this mine.

SALIENT FEATURES OF THIS PROJECT:

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	2.00ha
Mineable Area	2.00ha
Existing Pits & Quarries	Nil
Existing Dumps	Nil
Plantation	Nil
Recoverable / Mineable Reserve	625769 m3
Method of mining	Semi-Mechanized
Ultimate Depth of Mining	30 m bgl (123 m MSL)
Ultimate Pit Slope	45°
Expected Life of Mines	3years
Lease Period	10years
Capacity per year	2,08,500 Cum per annum
mode to transportation	Road
Area to be covered under dumps in conceptual period	NIL
Area covered under pit in conceptual period	1.5684ha
Area to be reclaimed by conceptual period	Nil
Area to be covered under plantation by conceptual period	0.4316ha
Area to be covered under water reservoir	1.5684ha
Elevation	195-153 m MSL
Ground water table	
Monsoon period	40 m bgl (113 m MSL)
Dry month	45m bgl (108 m MSL)
Production per day @300 day	695 m3

Dumper required per day @12m ³	58 nos.
---	---------

The case was presented by the PP and their consultant to obtain TOR. During presentation PP submitted that the lease is located on a hillock of approx. 18 - 22 meters height and a kachha road is in existence on the NW and Southern side at a distance of approx. 120 meters. During presentation it was observed by committee that some trees are in existence in the lease for which PP submitted that these are shrubs and they will provide inventory of trees with the EIA report. A natural water body is in existence on the east side for which consultant submitted that they will propose its protection plan in the EIA report. Consultant submitted that they have carried out the monitoring in summer season and presented the findings of monitoring when asked by the committee. Being it's a case of Stone Quarry with total area of 24.00 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Inventory of trees in lease area.
2. A natural water body is in existence on the east side for which protection plan shall be provided in the EIA report
3. Level of mechanization should be discussed in the EIA report.
4. Proposed evacuation route with gradient avoiding habitations shall be discussed in the EIA report as site is located on a hillock.
5. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
6. Actual distance of site from habitations with their protection plan shall be submitted in EIA report.
7. Proposed depth of mine from ground level and if ground water intersection is envisaged geo-hydrological studies shall be carried out.
8. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report with inventory of existing green belt.
9. Proposal for pucca evacuation road (to carry 40 MT truck load) with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report.
10. Transportation shall be done with 40 MT truck load capacity to minimize the number of trips.
11. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.

3. Case No. – 6632/2019 M/s Rajey Minerals, H.No. 64, Sun City Colony, Dist. Chhatarpur, MP Prior Environment Clearance for Gitti Stone Quarry in an area of 2.00 ha. (1,85,500 cum per annum) (Khasra No. 589 P), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Gitti Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 589 P), Village - Maheba, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1942 dated: 08/04/19 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 24.00 ha., including this mine.

SALIENT FEATURES OF THIS PROJECT:

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	2.00ha
Mineable Area	2.00ha
Existing Pits & Quarries	Nil
Existing Dumps	Nil
Plantation	Nil
Recoverable / Mineable Reserve	557004 m ³
Method of mining	Semi-Mechanized
Ultimate Depth of Mining	24 m bgl (120 m MSL)
Ultimate Pit Slope	45°
Expected Life of Mines	3years
Lease Period	10years
Capacity per year	1,85,500 Cum per annum
mode to transportation	Road
Area to be covered under dumps in conceptual period	NIL

Area covered under pit in conceptual period	1.5901ha
Area to be reclaimed by conceptual period	Nil
Area to be covered under plantation by conceptual period	0.2459ha
Area to be covered under water reservoir	1.5901ha
Elevation	180-144 m MSL
Ground water table	
Monsoon period	40 m bgl (104m MSL)
Dry month	45m bgl (99m MSL)
Production per day @300 day	619 m ³
Dumper required per day @12m ³	52.00 nos.

The case was presented by the PP and their consultant to obtain TOR. During presentation PP submitted that the lease is located on a hillock of approx. 23 meters height and a pucca road is in existence on the northern side at a distance of approx. 130 meters. A natural water body is in existence on the southern side and habitation on the eastern side for which consultant submitted that they will propose its protection plan in the EIA report. Consultant submitted that they have carried out the monitoring in summer season and presented the findings of monitoring when asked by the committee. Being it's a case of Stone Quarry with total area of 24.00 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Inventory of trees in lease area.
2. A natural water body is in existence on the southern side for which protection plan shall be provided in the EIA report
3. Level of mechanization should be discussed in the EIA report.
4. Proposed evacuation route with gradient avoiding habitations shall be discussed in the EIA report as site is located on a hillock.
5. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
6. Actual distance of site from habitations with their protection plan shall be submitted in EIA report.

7. Proposed depth of mine from ground level and if ground water intersection is envisaged geo-hydrological studies shall be carried out.
 8. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report with inventory of existing green belt.
 9. Proposal for pucca evacuation road (to carry 40 MT truck load) with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report.
 10. Transportation shall be done with 40 MT truck load capacity to minimize the number of trips.
 11. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.
4. **Case No. – 6639/2019 M/s Om Granite, House No. 1, Didwara, Tehsil - Lavkushnagar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Mine in an area of 3.20 ha. (2,50,000 cum per annum) (Khasra No. 1881), Village - Mudhara, Tehsil - Gaurihar, Dist. Chhatarpur (MP).**

This is case of Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1881), Village - Mudhara, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.20 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Mining Inspector, Chhatapur letter dated 16/01/18 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 22.246 ha., including this mine.

SALIENT FEATURES OF THIS PROJECT:

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	3.20 ha
Mineable Area	2.5529 ha
Existing Pits & Quarries	1.7312 ha
Existing Dumps	Nil
Plantation	Nil
Recoverable / Mineable Reserve	854402 m ³

Method of mining	Semi-Mechanized
Ultimate Depth of Mining	24 m bgl (151 m MSL)
Ultimate Pit Slope	45°
Expected Life of Mines	4 years
Lease Period	10 years
Capacity per year	2,50,000 Cum per annum
mode to transportation	Road
Area to be covered under dumps in conceptual period	NIL
Area covered under pit in conceptual period	2.5529 ha
Area to be reclaimed by conceptual period	Nil
Area to be covered under plantation by conceptual period	0.3882 ha
Area to be covered under water reservoir	2.5529 ha
Elevation	199-175 m MSL
Ground water table	
Monsoon period	40 m bgl (135 m MSL)
Dry month	35m bgl (140 m MSL)
Production per day @300 day	833 m3
Dumper required per day @24 m3	35 nos.

The case was presented by the PP and their consultant to obtain TOR. During presentation PP submitted that the lease is located on a hillock of apprx. 25 meters height. During presentation it was observed by committee that some trees are in existence in the lease for which PP submitted that these are shrubs and they will provide inventory of trees with the EIA report. A natural water body is in existence on the northern side for which consultant submitted that they will propose its protection plan in the EIA report. PP further submitted that it's a case of expansion from 1,50,000 cum/year to 2,50, 000 cum/year and they will submit the MoEF&CC compliance report duly authenticated by the competent authority. Consultant submitted that they have carried out the monitoring in summer season and presented the findings of monitoring when asked by the committee. Being it's a case of Stone Quarry with total area of 22.246 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided

to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Inventory of trees in lease area.
2. A natural water body is in existence on the northern side for which protection plan shall be provided in the EIA report
3. Level of mechanization should be discussed in the EIA report.
4. Proposed evacuation route with gradient avoiding habitations shall be discussed in the EIA report as site is located on a hillock.
5. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
6. Actual distance of site from habitations with their protection plan shall be submitted in EIA report.
7. Proposed depth of mine from ground level and if ground water intersection is envisaged geo-hydrological studies shall be carried out.
8. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report with inventory of existing green belt.
9. Proposal for pucca evacuation road (to carry 40 MT truck load) with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report.
10. Transportation shall be done with 40 MT truck load capacity to minimize the number of trips.
11. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.

5. Case No. – 6640/2019 M/s Om Granite, House No. 1, Didwara, Tehsil - Lavkushnagar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Mine in an area of 2.50 ha. (1,50,000 cum per annum) (Khasra No. 1881P), Village - Mudahara, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1881P), Village - Mudahara, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Mining Inspector, Chhatarpur letter dated: 16/01/18 has reported

that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 21.546 ha., including this mine.

SALIENT FEATURES OF THIS PROJECT:

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	2.50 ha
Mineable Area	2.50 ha
Existing Pits & Quarries	Nil
Existing Dumps	Nil
Plantation	Nil
Recoverable / Mineable Reserve	461645 cum
Method of mining	FM
Ultimate Depth of Mining	27 m (149 ARL)
Ultimate Pit Slope	45°
Expected Life of Mines	10 years
Lease Period	10year
Capacity per year	1,50,000 cum
mode to transportation	Road
Area to be covered under dumps in conceptual period	Nil
Area covered under pit in conceptual period	1.835 ha
Area to be backfilled by conceptual period	Nil
Area to be covered under plantation by conceptual period	0.86ha
Area to be covered under water reservoir	0.834 ha
Elevation	200-176 MSL
Ground water table	
Monsoon period	40 m bgl
Dry month	45 m bgl
Production per day @300day	500 cum
Dumper required per day @20cum/40T	25 nos.

The case was presented by the PP and their consultant to obtain TOR. During presentation PP submitted that the lease is located on a hillock of apprx. 20 meters height. PP further submitted that it's a case of expansion from 1,00,000 cum/year to 1,50, 000 cum/year and they will submit the MoEF&CC compliance report duly authenticated by the competent authority. Consultant submitted that they have carried out the monitoring in summer season and presented the findings of monitoring when asked by the committee. Being it's a case of Stone Quarry with total area of 21.546 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Inventory of trees in lease area.
2. A natural water body is in existence on the east side for which protection plan shall be provided in the EIA report
3. Level of mechanization should be discussed in the EIA report.
4. Proposed evacuation route with gradient avoiding habitations shall be discussed in the EIA report as site is located on a hillock.
5. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
6. Actual distance of site from habitations with their protection plan shall be submitted in EIA report.
7. Proposed depth of mine from ground level and if ground water intersection is envisaged geo-hydrological studies shall be carried out.
8. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report with inventory of existing green belt.
9. Proposal for pucca evacuation road (to carry 40 MT truck load) with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report.
10. Transportation shall be done with 40 MT truck load capacity to minimize the number of trips.
11. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.

6. Case No. – 6641/2019 M/s Om Granite, House No. 1, Didwara, Tehsil - Lavkushnagar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Mine in an area of 1.837 ha. (20,000 cum per annum) (Khasra No. 1881), Village - Mudhara, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1881), Village - Mudhara, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.837 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1938 dated: 08/4/2019 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 9.375 ha., including this mine.

SALIENT FEATURES OF THIS PROJECT:

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	1.837 ha
Mineable Area	1.3377ha
Existing Pits & Quarries	Nil
Existing Dumps	Nil
Plantation	Nil
Recoverable / Mineable Reserve	350363 m3
Method of mining	Semi-Mechanized
Ultimate Depth of Mining	Up to 174 m MSL
Ultimate Pit Slope	45°
Expected Life of Mines	18years
Lease Period	10years
Capacity per year	20,000 Cum per annum
mode to transportation	Road
Area to be covered under dumps in conceptual period	NIL
Area covered under pit in conceptual period	1.3377 ha
Area to be reclaimed by conceptual period	Nil

Area to be covered under plantation by conceptual period	0.3985 ha
Area to be covered under water reservoir	1.3377 ha
Elevation	195-174 m MSL
Ground water table	
Monsoon period	20 m bgl (155 m MSL)
Dry month	30m bgl (145 m MSL)
Production per day @300 day	67 m ³
Dumper required per day @12m ³	6 nos.

The case was presented by the PP and their consultant to obtain TOR. During presentation PP submitted that the lease is located on a hillock of apprx. 20-21 meters height. A natural drain is in existence on the western side for which consultant submitted that they will propose its protection plan in the EIA report. Consultant submitted that they have carried out the monitoring in summer season and presented the findings of monitoring when asked by the committee. Being it's a case of Stone Quarry with total area of 9.375 ha. including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Inventory of trees in lease area.
2. A natural water body is in existence on the western side for which protection plan shall be provided in the EIA report
3. Level of mechanization should be discussed in the EIA report.
4. Proposed evacuation route with gradient avoiding habitations shall be discussed in the EIA report as site is located on a hillock.
5. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
6. Actual distance of site from habitations with their protection plan shall be submitted in EIA report.
7. Proposed depth of mine from ground level and if ground water intersection is envisaged geo-hydrological studies shall be carried out.

8. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report with inventory of existing green belt.
 9. Proposal for pucca evacuation road (to carry 40 MT truck load) with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report.
 10. Transportation shall be done with 40 MT truck load capacity to minimize the number of trips.
 11. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be furnished with EIA report.
7. **Case No. – 6636/2019 M/s Jabalpur Ispat Pvt. Ltd, E-151, Sarda Industrial Area, Hargarh, Tehsil - Sihora, Dist. Jabalpur, MP Prior Environment Clearance for Granite Deposit in an area of 4.034 ha. (3,514 cum per annum) salable waste material- 19913 cum/year (Khasra No. 274/1, 274/2, 281, 282, 283, 284, 285, 286/1, 286/2, 287/2, 289/2), Village - Chatua, Tehsil - Anuppur, Dist. Anuppur (MP).**

This is case of Granite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 274/1, 274/2, 281, 282, 283, 284, 285, 286/1, 286/2, 287/2, 289/2), Village - Chatua, Tehsil - Anuppur, Dist. Anuppur (MP) 4.034 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 359 dated: 08/3/19 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 23.176 ha., including this mine.

SALIENT FEATURES OF THIS PROJECT:

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	4.034ha
Mineable Area	4.034 ha
Existing Pits & Quarries	Nil
Existing Dumps	Nil
Plantation	Nil
Recoverable / Mineable Reserve	37756m3

Method of mining	Mechanized
Ultimate Depth of Mining	12 m bgl (440m MSL)
Ultimate Pit Slope	45°
Expected Life of Mines	11years
Lease Period	30years
Capacity per year	Granite- 3514 cum per annum
mode to transportation	Road
Area to be covered under dumps in conceptual period	NIL
Area covered under pit in conceptual period	3.1060ha
Area to be reclaimed by conceptual period	1.75ha
Area to be covered under plantation by conceptual period	2.656ha
Area to be covered under water reservoir	1.20ha
Elevation	460-452 m MSL
Ground water table	
Monsoon period	40 m bgl (412m MSL)
Dry month	45m bgl (407m MSL)
Production per day @300 day	12m ³ granite & 66m ³
Dumper required per day @5 & 12m ³	3.00 & 6nos.

The case was presented by PP and their consultant wherein PP has submitted Revised Form –I and Feasibility Report for EC for Chatua Granite/Dolerite deposit, Lease area-4.034ha., Production capacity-3514 cum./ year of Granite and salable waste material- 19913 cum/year.

Committee after deliberations decided that being it's a case Granite Quarry with total area of 23.176 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Explore such evacuation road that should be left minimum disturbance to surrounding villages.
2. Slurry & silica management plan is to be submitted.

3. Free silica and dust emission from drilling -blasting, shall be a parameter in air modeling.

8. Case No. – 6616/2019 M/s Shree Ganesh Granite, C-1, Fortune Delight, Ahmadpuri, Hoshangabad Road, Bhopal, MP Prior Environment Clearance for Granite Mine in an area of 25.422 ha. (Granite Block – 7,710 cum per annum and Salable Waste material – 25,000 cum per annum) (Khasra No. 427, 449), Village - Goorapurwa, Tehsil - Laundi, Dist. Chhatarpur (MP).

This is case of Granite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 427, 449), Village - Goorapurwa, Tehsil - Laundi, Dist. Chhatarpur (MP) 25.422 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant. During presentation it was observed by the committee that a pit can be seen on the lease area for which PP submitted that the pit has appeared due to prospecting. The total area of this lease is 25.422 ha., and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 05 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Slurry & silica management plan is to be submitted.
2. Free silica and dust emission from drilling -blasting, shall be a parameter in air modeling.

9. Case No. – 6330/2019 Shri Ramesh Agrawal S/o Shri Bisenlal Agrawal, Akbar Ward, Barapathar, Dist. Seoni, MP – 480661 Prior Environment Clearance for Metal Stone Quarry in an area of 1.950 ha. (21,513 cum per annum) (Khasra No. 15, 16, 17), Village - Gangeruwa, Tehsil - Seoni, Dist. Seoni (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 15, 16, 17), Village - Gangeruwa, Tehsil - Seoni, Dist. Seoni (MP) 1.950 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed

format duly verified in the Collector Office letter No. 1983 dated: 05/02/19 has reported that there is 05 more mine operating or proposed within 500 meters around the said mine with total area of 14.65 ha., including this mine.

This case was scheduled for presentation in 394th SEAC meeting dated 31/08/2019, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also absent in 388th SEAC meeting dated 08/08/2019 and 381st dated 08/07/2019. Committee decided that since sufficient opportunities has been given to the PP for appraisal of their case but PP remains absent thus committee decided that case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

SEIAA vide letter no 2881 dated 30/10/2019 has forwarded this case to SEAC by stating that: PP has requested to relist the case vide letter dated 28.09.19 for appraisal in SEAC. After discussion, it has been decided to relist the case and send the technical file to SEAC for appraisal.

Based on above submission this case was scheduled for presentation and discussion but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

10. Case No. – 6267/2019 Shri Durga Prasad Sahu S/o Late Shri Sitaram Sahu, Galla Mandi, Tehsil - Keolari, Dist. Seoni, MP Prior Environment Clearance for Stone Quarry in an area of 4.380 ha. (52,818 cum per annum) (Khasra No. 309, 310 Part), Village - Bichhuawa Raiyat, Tehsil - Keolari, Dist. Seoni (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 309, 310 Part), Village - Bichhuawa Raiyat, Tehsil - Keolari, Dist. Seoni (MP) 4.380 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1746 dated: 12/12/18 has reported that there is 03 more mine operating or proposed within 500 meters around the said mine with total area of 10.72 ha., including this mine.

Project Details:

S. NO.	PARTICULARS	DETAILS																											
1.0	Type of Project	Minor Mineral Project																											
2.0	Size of Project																												
2.1	Lease Area	4.380 Hectare																											
2.2	Land Type	Private Waste Land																											
2.3	Proposed Stone Production Capacity	52818M3/Year																											
3.0	Location Details																												
	Village	Bichhua Ryt																											
	Tehsil	Keolari																											
	District	Seoni																											
	State	Madhya Pradesh																											
3.1	Latitude & Longitude	<table border="1"> <thead> <tr> <th>Boundary Pillars No.</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr><td>1</td><td>22°24'23.72"N</td><td>80° 1'48.59"E</td></tr> <tr><td>2</td><td>22°24'26.74"N</td><td>80° 1'52.52"E</td></tr> <tr><td>3</td><td>22°24'29.26"N</td><td>80° 1'55.79"E</td></tr> <tr><td>4</td><td>22°24'30.75"N</td><td>80° 1'54.06"E</td></tr> <tr><td>5</td><td>22°24'32.95"N</td><td>80° 1'51.95"E</td></tr> <tr><td>6</td><td>22°24'35.26"N</td><td>80° 1'47.49"E</td></tr> <tr><td>7</td><td>22°24'32.11"N</td><td>80° 1'47.72"E</td></tr> <tr><td>8</td><td>22°24'28.60"N</td><td>80° 1'47.75"E</td></tr> </tbody> </table>	Boundary Pillars No.	Latitude	Longitude	1	22°24'23.72"N	80° 1'48.59"E	2	22°24'26.74"N	80° 1'52.52"E	3	22°24'29.26"N	80° 1'55.79"E	4	22°24'30.75"N	80° 1'54.06"E	5	22°24'32.95"N	80° 1'51.95"E	6	22°24'35.26"N	80° 1'47.49"E	7	22°24'32.11"N	80° 1'47.72"E	8	22°24'28.60"N	80° 1'47.75"E
Boundary Pillars No.	Latitude	Longitude																											
1	22°24'23.72"N	80° 1'48.59"E																											
2	22°24'26.74"N	80° 1'52.52"E																											
3	22°24'29.26"N	80° 1'55.79"E																											
4	22°24'30.75"N	80° 1'54.06"E																											
5	22°24'32.95"N	80° 1'51.95"E																											
6	22°24'35.26"N	80° 1'47.49"E																											
7	22°24'32.11"N	80° 1'47.72"E																											
8	22°24'28.60"N	80° 1'47.75"E																											
3.2	Toposheet No.	64B/3																											

The case was scheduled for presentation wherein PP was present along with an authorized representative (Mr. Ravikant Sahu) on behalf of PP (Mr. Durga Prasad Sahu). Mr. Durga Prasad Sahu has authorized Mr. Ravikant Sahu for case no. 6267/2019. During examination of case file it was observed by committee that the signature of PP on authority letter & notarized affidavit are not matching with the signature on application, DSR, PFR and other documents submitted by PP for EC. The authorized person could not respond for above. Committee deliberated that in place of PP someone else has signed the application making PP's signature. Thus committee recommends that the above application may be sent to SEIAA for onward necessary action.

SEIAA vide letter no 2879 dated 30/10/2019 has forwarded this case to SEAC by stating that:

“As per above observation of SEAC, it has been decided to delist the case on the condition that if PP intends to present the case in SEIAA, it will then be relisted for appraisal.”

PP has requested to relist the case vide letter dated 20.09.19 for appraisal in SEAC. After discussion, it has been decided to relist the case and send the technical file to SEAC for appraisal”.

Based on above submission this case was scheduled for presentation and discussion wherein PP and their consultant were present. Committee after deliberations decided that being it's a case Stone Quarry with total area of 10.72 ha. and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Explore such evacuation road that should be left minimum disturbance to surrounding villages.
2. A natural drain is at a distance of approximately 170 meters from the ML area hence detailed protection plan shall be discussed in final EIA report.
3. Inventory of existing trees in lease area are to be submitted in Final EIA Report.

11. Case No. – 6611/2019 M/s Gour Road Tarcoat Pvt. Ltd, 2283, Sharda Chowk, Nagpur Road, Dist. Jabalpur, MP - 482001 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (47,500 cum per annum) (Khasra No. 01 Part), Village - Kamrasodha, Tehsil - Dindori, Dist. Dindori (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 01 Part), Village - Kamrasodha, Tehsil - Dindori, Dist. Dindori (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed

format duly verified in the Collector Office letter No. 389 dated 12/9/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
River	125	North-East	Provision of settling tanks and garland drain in this direction.
Pucca Road	10	West	A set back of 40 meters within lease shall be left from road.

PP stated that, this lease was obtained under temporary permit (TP) for two years. After presentation the committee asked to submit following details:

- Revised Surface map showing setback of 40 meters within lease shall be left from road.
- Revised CER as suggested by committee.
- Copy of land agreement is to be submitted by PP.

PP has submitted the response of above quarries same date vide letter dated 08.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for stone 47,500 cum per annum
2. PP shall maintain a setback of 40 meters within lease shall be left from road.
3. A budgetary provision for Environmental management Plan of Rs. 11.68 Lakh as capital and Rs. 2.01 Lakh/year. Under CER Rs. 0.70 Lakh/ year has proposed.

12. Case No. – 6612/2019 Shri Vijay Kumar Jain S/o Shri Panna Lal Jain, Jhanda Chouk Bazar, Kundam, Dist. Jabalpur, MP – 452010 Prior Environment Clearance for Murrum and Stone Quarry in an area of 2.260 ha. (Murrum – 3,000 cum per annum and Stone – 8,000 cum per annum) (Khasra No. 157, 199, 200/2 (P)), Village - Kundam, Tehsil - Kundam, Dist. Jabalpur (MP).

This is case of Murrum and Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 157, 199, 200/2 (P)), Village - Kundam, Tehsil - Kundam, Dist. Jabalpur (MP) 2.260 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 3652 dated: 10/01/2019 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 4.52 ha., including this mine.

During presentation as per Google image based on coordinates provided by PP, it was observed that the lease area is falling on the plateau like structure within 500 meters following sensitive feature were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca Road	40	South	A set back of 10 meters within lease shall be left from road.

After presentation the committee asked to submit following details:

- Revised Surface map showing setback of 10 meters within lease shall be left from road.
- Revised CER as suggested by committee.
- Revised Plantation details as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 08.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 3,000 and Stone 8,000 cum per annum
2. PP shall maintain a setback of 10 meters within lease shall be left from road.
3. A budgetary provision for Environmental management Plan of Rs. 5.56 Lakh as capital and Rs. 1.92 Lakh/year. Under CER Rs. 0.60 Lakh/year has proposed.

13. Case No. – 6613/2019 Shri Gajendra Singh Parmar, R/o Village - Kadrana, Tehsil - Chanderi, Dist. Ashoknagar, MP Prior Environment Clearance for Granite Deposit in an area of 3.00 ha. (3,060 cum per annum) (Khasra No. 669), Village - Badera, Tehsil - Chanderi, Dist. Ashoknagar (MP).

This is case of Granite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 669), Village - Badera, Tehsil - Chanderi, Dist. Ashoknagar (MP) 3.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No. Q dated 04/11/17 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural drain	320	West	Provision of garland drain and settling tanks proposed in this direction.
D Kachcha road	40	West	-

uring presentation all mining operations will be undertaken by Semi-Mechanized Method by deploying machineries and no blasting is proposed. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 3,060 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.56 Lakh as capital and Rs. 2.18 Lakh/year and under CSR Rs. 2.00 Lakh/year as capital has proposed.

14. Case No. – 6614/2019 Shri Hitrendra Budholiya, Shadora, Tehsil - Shadora, Dist. Ashoknagar, MP - 473338 Prior Environment Clearance for Murrum Deposit in an area of 1.00 ha. (7,000 cum per annum) (Khasra No. 245/2/K), Village - Silavan, Tehsil - Shadora, Dist. Ashoknagar (MP).

This is case of Murrum Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 245/2/K), Village - Silavan, Tehsil - Shadora, Dist. Ashoknagar (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 559 dated 09/10/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, wherein during presentation PP submits that: Mining of 1.000 hectare will be undertaken using bench method. All mining operations will be undertaken by Semi-Mechanized Method by deploying machineries and no blasting is proposed. After presentation the committee asked to submit following details:

- Revised CER as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 08.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee

decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 7,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.47 Lakh as capital and Rs. 2.01 Lakh/year and under CER Rs. 0.27 Lakh/year as capital has proposed.

15. Case No. – 6610/2019 Shri Sanjay Patidar, 15, Sundarvan Colony, Mandu, Sardarpur, Dist. Dhar, MP - 454001 Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (20,967 cum per annum) (Khasra No. 203/1), Village - Khareli, Tehsil - Sardarpur, Dist. Dhar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 203/1), Village - Khareli, Tehsil - Sardarpur, Dist. Dhar (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2125 dated: 11/9/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha road	25	North	-
Pucca road	230	South	-
Govt.School	500	East	Commitment that mining shall be carried-out from West to East.

During presentation all mining operations in Lease area of 4.00 ha will be undertaken by Open Cast Semi-Mechanized Method. After presentation the committee asked to submit following details:

- Commitment that mining shall be carried-out from West to East in order to protect nearest school from blasting activities.

PP has submitted the response of above quarries same date vide letter dated 08.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 20,967 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.84 Lakh as capital and Rs. 5.22 Lakh/year and under CSR Rs. 0.60 Lakh/year as capital has proposed.

16. Case No. – 6615/2019 Shri Ashok Sharma, R/o Ward No. 09, Village - Hiraniya, Obedullaganj, Tehsil - Goharganj, Dist. Raisen, MP, Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (29,355 cum per annum) (Khasra No. 191/1/2 Parts), Village - Agariya, Tehsil - Goharganj, Dist. Raisen (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 191/1/2 Parts), Village - Agariya, Tehsil - Goharganj, Dist. Raisen (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 423 dated 14/5/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha road	45	North	-
One tree	Within lease	-	Commitment tree will be uprooted with the permission of competent authority.

During presentation it was recorded that all mining operations shall be done by Open cast manual and mechanized method. After presentation the committee asked to submit following details:

- Commitment tree will be uprooted with the permission of competent authority.
- Revised CER as suggested by the committee.
- Land agreement papers are to be submitted by the PP.

PP has submitted the response of above quarries same date vide letter dated 08.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 29,355 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 13.70 Lakh as capital and Rs. 2.47 Lakh/year and under CSR Rs. 0.80 Lakh/year as capital has proposed.

17. Case No. – 6609/2019 M/s Modiram Ramlal, Partner Shri Neeraj Gupta, R/o 22/5, Katghat, Dist. Allahabad, UP – 486001 Prior Environment Clearance for Silica Sand Deposit in an area of 12.096 ha. (25,000 cum per annum) (Khasra No. 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 227, 258 (Kotwa khas), 1, 2 (Hadhai)), 1,2,3,4,5,6,425,435,436,(Hardauli) Village - Kotwa Khas Hadhai Hardauli Dabhaura, Tehsil - Jawa, Dist. Rewa (MP).

This is case of Silica Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 227, 258 (Kotwa khas), 1, 2 (Hadhai)), 1,2,3,4,5,6,425,435,436,(Hardauli) Village - Kotwa Khas Hadhai Hardauli Dabhaura, Tehsil - Jawa, Dist. Rewa (MP). 12.096 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 4704 dated: 27/6/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

18. Case No. – 6629/2019 Shri Rajmal S/o Shri Bhav Singh, R/o Village - Kundkheda, Tehsil - Manasa, Dist. Neemuch, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (20,000 cum per annum) (Khasra No. 1191), Village - Hatuniya, Tehsil - Manasa, Dist. Neemuch (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1191), Village - Hatuniya, Tehsil - Manasa, Dist. Neemuch (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 726 dated: 27/8/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

19. Case No. – 6618/2019 Shri Chain Singh S/o Shri Dashrath Singh, Village - Umarpur, Tehsil - Ashta, Dist. Sehore, MP – 466116 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (5,145 cum per annum) (Khasra No. 178/1), Village - Samarda, Tehsil - Ashta, Dist. Sehore (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 178/1), Village - Samarda, Tehsil - Ashta, Dist. Sehore (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No. 351 dated: 28/04/16 has reported that

there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 5.00 ha., including this mine.

The case was presented by the PP and their consultant, wherein it was recorded this is Crusher Stone Quarry with area of 5.00 ha, and SEIAA vide letter no 719 dated 21/05/2019 stated that all the case up to area of 5.00 ha will be granted for EC under B-2 category.

Further it was recorded through Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha road	70	South-East	Three rows of plantation.

During presentation it was recorded the method of mining will be open cast semi mechanized. The quarrying operation will be carried out with developing benches. After presentation the committee asked to submit following details:

- Revised CER as suggested by the committee.
- Revised EMP by adding cost of soil needed for plantation as suggested by the committee.
- Revised Environmental Map as suggested by the committee.

PP has submitted the response of above quarries same date vide letter dated 08.11.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,145 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 14.20 Lakh as capital and Rs. 4.08 Lakh/year and under CSR Rs. 0.30 Lakh/year as capital has proposed.

20. Case No. – 6619/2019 Smt. Rani Jatav, Gram - Thrra Darrani, Tehsil - & Dist. Shivpuri, MP – 473551 Prior Environment Clearance for Murrum Deposit in an area of 4.00 ha. (11,000 cum per annum) (Khasra No. 585/min-1, 585/min-2), Village - Kakarvaya, Tehsil - Shivpuri, Dist. Shivpuri (MP).

This is case of Murrum Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 585/min-1, 585/min-2), Village - Kakarvaya, Tehsil - Shivpuri, Dist. Shivpuri (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 4650 dated: 11/10/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, wherein during presentation it was recorded that lease is in two parts, PP submits that this is because a road is crossing the lease and the same has been shown by PP on Khasra Map.

Further it was recorded through Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pucca road	120	West	Three rows of plantation.
Kachcha road	20	East	No blasting proposed

The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum 11,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.87 Lakh as capital and Rs. 2.69 Lakh/year and under CER Rs. 0.30 Lakh/year as capital has proposed.

21. Case No. – 6224/2019 Shri Pramod Kumar Shukla, 129, Malviya Nagar, Near Chamber, Commerce, Tehsil - Huzur, Dist. Bhopal, MP Prior Environment Clearance for Manganese Ore Mine in an area of 4.25 ha. (85,306 cum per annum) (Khasra No. 171/1, 172/2, 171/3 & 172/3 Gha), Village - Sitapathore, Tehsil - Tirodi, Dist. Balaghat (MP).

This is case of Manganese Ore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 171/1, 172/2, 171/3 & 172/3 Gha), Village - Sitapathore, Tehsil - Tirodi, Dist. Balaghat (MP) 4.25 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled in 373rd SEAC meeting dated 24/05/2019 wherein ToR was recommended.

PP vide letter dated 26/09/2019 has submitted a request that in above case the production quantity is recommended in ToR as 85,306 cum/year, while the maximum production capacity was 6,854 MT per annum, for which PP has submitted the revised Form-I. And in recommended ToR the Khasra number mentioned are Khasra No. 171/1, 172/2, 171/3 & 172/3 Gha, whereas PP submitted that actual Khasra no's are 171/1, 171/2, 171/3 & 172/3 Gha

This case was placed before the committee. Committee after deliberations decided that as per submitted revised form-I by the PP which was been forwarded through SEIAA vide letter 2476 dated 03/10/2019 a revised ToR has been recommended by SEAC

During presentation, PP submitted that earlier there was typographical error in from-1 submitted by them for Khasra number and quantity and now they have submitted revised from-1 for Case No. – 6224/2019 Shri Pramod Kumar Shukla, 129, Malviya Nagar, Near Chamber, Commerce, Tehsil - Huzur, Dist. Bhopal, MP Prior Environment Clearance for Manganese Ore Mine in an area of 4.25 ha. (6,854 MT per annum) (Khasra No. 171/1, 171/2, 171/3 & 172/3 Gha), Village - Sitapathore, Tehsil - Tirodi, Dist. Balaghat (MP). Committee observed that PP has reduced the quantity of mineral to be excavated and proposed one correction in khasra number. Committee after deliberations recommends that revised TOR shall be considered with above amendments (Quantity 6,854 MT per annum and Khasra No. 171/1, 171/2, 171/3 & 172/3 Gha) and remaining conditions shall be stand as it is in 373rd SEAC meeting dated 24/05/2019.

DISCUSSION BASED ON QUERY REPLY SUBMITTED BY PP/PENDING SINCE LONG

22. Case No. – 6385/2019 M/s Hira Power & Steels Ltd., Urla Industrial Area, Unit No. 1, Dist. Raipur, Chhatisgarh, Email - admin@hpslindia.com, Phone : 0771- 4082500, 4082600 Prior Environment Clearance for Dolomite Mine in an area of 72.15 ha. (1,00,000 tonne per annum) (Khasra No.827, 828, 829, 832, 833, 835, 839/1, 839/2, 840, 841, 842, 843, 845/1, 845/2, 845/3, 845/5, 845/6, 847, 848, 849, 850, 851, 852, 853, 854/1, 854/2, 856/1, 856/3, 856/4, 859, 860, 861, 862, 863, 867, 868, 869, 870, 872, 873, 874, 875, 878, 879, 880, 881, 888, 889, 890/1, 890/3, 890/4, 891, 906, 907, 908, 910, 912, 916, 917, 921, 922, 923, 930, 947, 948, 958, 960, 966, 963, 964,, 972, 973, 975, 976, 979, 980, 1000, 1001, 1002, 1004, 1006, 1007, 1050, 1051, 1052, 1054, 1056, 1057, 1059, 1062, 1063, 1077, 1133, 1138, 1139, 1140, 1141, 1143, 1145, 1147, 1148, 1150, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1196, 1197, 1198, 1201, 1203, 1219, 1221, 1222, 1223, 1225, 1226, 1227, 1228, 1229, 1233, 1235, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1256, 1257, 1258, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1270, 1276, 1277, 1279, 1280, 1281, 1328, 1329, 1330,)Village - Tigoda A, Tehsil - Shahgarh, Dist. Sagar (MP).

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 557, 563, 564), Village - Tigoda A, Tehsil - Shahgarh, Dist. Sagar (MP) 72.15 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 386th SEAC meeting dated 06/08/2019, but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was scheduled for presentation and discussion in 392nd SEAC meeting dated 29/08/2019, wherein it was recorded that PP vide letter no 32 dated 28.08.2019 requested to scheduled this case after 2 months as their desired documents are not completed.

Committee after deliberation decided to give additional 45 days considering PP's request for collecting their necessary documents for appraisal and if same is not submitted within 45 days case may be referred back to SEIAA for delisting.

The case was presented by the PP and their consultant in the 402nd SEAC meeting dated 05/11/2019 wherein PP submitted that they have submitted copies of all relevant Khasra

panchshala (P-II) vide letter dated 11/10/2019 for consideration for TOR. PP submitted that there are some changes in volume of production etc and thus they have also submitted revised form-1 to SEIAA. Committee deliberated that revised form-1 submitted to SEIAA shall be made available to committee before appraisal. PP requested that revised form-1 will be forwarded by SEIAA shortly and their case for TOR may be appraised. Committee after deliberations decided that since PP has submitted revised form-1 to SEIAA same shall be placed before them for appraisal of case for TOR on 08/11/2019 if revised form-1 is received from SEIAA.

SEIAA vide letter no. 3059 dated 07/11/2019 forwarded the revised form-1 submitted by PP.

The case was presented by PP and their consultant wherein during appraisal of case for grant of TOR it was observed by committee that lease is sanctioned in 05 blocks which are not continuous and PP has got the mine plan approved under MP Minor Mineral Rules, 1996. PP submitted that this lease is sanctioned in five blocks as follows:

Sl. No.	DETAILS	AREA
01	Block-01	25.850 ha
02	Block-02	08.280 ha
03	Block-03	05.410 ha
04	Block-04	09.910 ha
05	Block-05	22.700 ha
	TOTAL	72.150 ha

PP further submitted that the lease was sanctioned dated 04/03/2014 and at that time dolomite was considered as major mineral and later on it was listed in minor mineral and thus the mine plan is approved under MP Minor Mineral Rules, 1996. Since lease was sanctioned in 2014 when dolomite was considered as major mineral, discontinuous leases are sanctioned.

During further appraisal of the case it was observed by committee that some trees and hutments are in existence in lease area and same shall be discussed in the EIA report with their inventory and R&R plan. Following issues were also discussed during TOR presentation:

1. Number of benches proposed for Production capacity of 10,00,000 TPA and space available at pit bottom in each block (Block-1 to Block-05) for man and machine deployment.
2. Issues related to R&R if any.
3. Inventory of existing trees in lease area.
4. Level of mechanization for such high production.
5. Evacuation route avoiding habitations considering high production.
6. Difference between top most RL and ground RL.
7. Actual distance of site from habitations and their protection plan.
8. Proposed depth of mine from ground level and if any ground water intersection envisaged.

Committee after deliberation recommends that case may be referred to SEIAA for necessary guidance for accepting the submission of PP for mining of minor mineral in 05 different blocks (from 05.410 ha to 25.850 ha) which are non-continuous in nature with total area of 72.150 ha and with single approved mine plan. (Please refer subrule 4 (3) of MMR, 1996) Committee decided that application for standard TOR will be considered if SEIAA accepts the submission of PP on above ground as presented by PP.

23. Case No. – 6391/2019 Shri Vineet Sharma S/o Shri L.N.Sharma, Gram Panawar, Tehsil - Kurwai, Dist. Vidisha, MP – 470232. Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (3,538 cum per annum) (Khasra No. 7/2), Village - Hardout, Tehsil - Bina, Dist. Sagar (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 7/2), Village - Hardout, Tehsil - Bina, Dist. Sagar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1364 dated: 13/08/18 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine total area of 4.00 ha., including this mine.

The case was presented by PP and their consultant wherein as per Google image based on coordinates provided by PP; following sensitive features were observed within 500 meters of the lease area:

Sr. No	Sensitive Feature	Approximate aerial distance from the lease area in meters	Direction	Remarks.
1.	Kachcha road	80	South	-
2.	Trees (5 Nos)	Within lease	-	Inventory of existing trees with their species, girth at 120 cms and photographs.
3.	Tar Road	86	East	-

During presentation it was recorded from the Google image that 05 trees within lease area, committee ask PP to submit the inventory of existing trees with their species, girth at 120 cms and photographs for further consideration of this case.

PP has submitted the response of above quarries vide letter dated 14.10.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 3,538 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 7.75 Lakh as capital and Rs. 1.64 Lakh/year and under CSR Rs. 0.40Lakh/year as capital has proposed.

24. Case No. – 6443/2019 M/s Maa Padmawati Stone Crusher, Pro. Shri Sanjay Muleva, Village - Dehri, Tehsil - Kukshi, Dist. Dhar, MP – 454221. Prior Environment Clearance for Crusher Stone Quarry in an area of 1.50 ha. (13,812 cum per annum) (Khasra No. 1/6), Village - Dehri, Tehsil - Kukshi, Dist. Dhar (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/6), Village - Dehri, Tehsil - Kukshi, Dist. Dhar (MP) 1.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1551 dated: 28/05/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.50 ha., including this mine.

As per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Natural drain	80	South	Provision of Garland drain & settling tanks.
Earthen dam	>300	North-East	-
Kachcha road	90m	West	

The method of mining will be open cast semi mechanized. The quarrying operation will be carried out with developing benches. After presentation the committee asked to submit following details:

- Surface Run-off management plan as two prominent drains are originating from the lease which ultimately meeting in a natural drain on the southern side.
- Revised CER as suggested by committee during presentation

PP has submitted the response of above quarries vide letter dated 30.10.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 13,812 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.29 Lakh as capital and Rs. 2.49 Lakh/year and under CSR Rs. 0.60Lakh/year as capital has proposed.

25. Case No. – 6438/2019 Shri Rakesh Patidar S/o Shri Devram Patidar, Susari, Tehsil - Kukshi, Dist. Dhar, MP - 454331, Prior Environment Clearance for Metal Stone Quarry in an area of 2.00 ha. (9,700 cum per annum) (Khasra No. 506/1), Village - Kurddikpura, Tehsil - Kukshi, Dist. Dhar (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 506/1), Village - Kurddikpura, Tehsil - Kukshi, Dist. Dhar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2012 dated: 13/08/18 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 4.972 ha., including this mine.

The case was presented by PP and their consultant wherein as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sr. No	Sensitive Feature	Approximate aerial distance from the lease area in meters	Direction	Remarks.
1.	River	80	West	
2.	Kachcha road	50	South	-
3.	Trees (4-5 Nos.)	Within lease	-	Inventory of existing trees.
4.	Tar Road	86	East	-

After presentation the committee asked PP to submit following details:

- Inventory of the trees with their girth.
- Lease is on foot hill hence, PP will submit protection plan w.r.t. surface run-off.
- Location of crusher on surface map.
- Revised CER with provision of Smart-TV, slide & swing, science lab in the Nearby School as suggested by committee.

PP has submitted the response of above quarries vide letter dated 30.10.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee

decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 9,700 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 11.35 Lakh as capital and Rs. 1.54 Lakh/year and under CER Rs. 0.50Lakh/year as capital has proposed.

26. Case No. - 5707/2018 M/s Sterling Balajee Mega Ventures, Near Spring Valley, Katara Hills, Bhopal, (M.P.) - 462043. Prior Environment Clearance for Pride City Phase - I of M/s Sterling Balajee Mega Ventures at Khasra No. – 318/2, 319, 320/2, 321/2, Village - Katara, Tehsil - Huzur, Distt. - Bhopal (M.P.) (Total Plot Area: 40468.60 Sqm, Net Planning Area: 39868.60 Sqm, (3.986 Hect.) Total Built-up Area: 43830.48 Sqm. Cat. 8(a) Building and Construction Projects. For – Building Construction Project. Env. Con. – In Situ Enviro Care, Bhopal (M.P.)

This is case of Prior Environment Clearance for Pride City Phase - I of M/s Sterling Balajee Mega Ventures at Khasra No. – 318/2, 319, 320/2, 321/2, Village - Katara, Tehsil - Huzur, Distt. - Bhopal (M.P.) (Total Plot Area: 40468.60 Sqm, Net Planning Area: 39868.60 Sqm, (3.986 Hect.) Total Built-up Area: 43830.48 Sqm. Cat. 8(a) Project.

The case was presented by the PP and their consultant in 325th SEAC meeting dated 20/08/2018, wherein PP presented Salient features of the project and after perusals of the documents it was observed by the committee that the It's a case of Violation. Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC.

For details please refer 325th SEAC meeting dated 20/08/2018.

PP has submitted the EIA report vide letter dated 10/05/2019 which was forwarded by the SEIAA vide letter no. 889/SEIAA/19 dated 28/05/2019.

In the 380th SEAC meeting dated 05.07.2019, the EIA was presented by PP and their consultant wherein PP submitted that approx. 95% of construction is completed. After

presentation and discussions it was observed by the committee that the remediation's plan and natural community resource augmentation plan submitted by PP needs to be revised as follows:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that
 - i. The area is developed as per the approved master plan.
 - ii. No tree cutting was carried out during execution of this project.
 - iii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.
 - iv. No issue pertaining to R&R and land ownership is pending.
 - v. Commitment of PP regarding no tree felling is being done for construction activity.
 - vi. No GW was extracted during construction & operation of project.
 - vii. During construction phase RMC was used with its documentary evidence (bills copy to be annexed).
 - viii. Entire top soil was used for plantation & land scape development and no top soil was wasted.
 - ix. No DG sets were used during construction phase along with electricity bills.
3. Utilization- wise Land Use details as per approved T& CP approved layout.
4. Proposed Energy conservation plan.
5. Copy of fire and CGWB NOC.
6. Map showing natural drainage all around the site.
7. Revised CER and it should be proportionate with the project cost as per O.M dated 01/05/2018.

8. CA audited report of all these expenditure made.
9. Records of occupational health check-up during construction shall be provided.
10. RWH details in separate sheet shall be submitted.
11. Inventory of trees with species and number that have been planted till date with photographs.
12. Justification for no remedial plan for air and noise during construction phase.
13. Proposal for solar power in the project.
14. Contour map of the project site with depiction on map that the storm/natural water of surrounding area is flowing according to surface topography.
15. STP's status (Separate STP for multi-unit) with photographic proofs.
16. Photographs of the first-aid facility, lightning arrester at mine site during construction phase.
17. Recalculate green area % considering both row housing and multiunit residential development.
18. Breakup of project in terms of proposed units, constructed, possession given, occupied units and vacant units.

PP vide their letter dated 01.11.2019 submitted the revised remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation in the tune of suggested guidelines by the committee, with the supported by documentary proofs, such as bills, CA audit, certificates, photographs, prescribed various undertakings and CER.

PP submitted that the project is under construction phase till date 66.13% construction has been done, 33.87% yet to done. All remediation budgets are for construction phase.

The revised plan submitted by PP is as follows-

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
1.	Land use as per Approved Master Plan by TNCP, Bhopal	Broken land is as per master plan approved by T&CP (enclosed land use area breakup & Undertaking as Annexure - I,II&III) NO VIOLATION	-	-	Project cost comprising land and machinery cost	4,10,00,000	13,23,000	T & CP Letter No. 1272 /L.P. 178/ 29/
2	Environmental Sensitive Places, Land Acquisition Status, Resettlement & rehabilitation	Land is in possession of Pride City Phase - I enclosed land revenue record No R & R Applicable NO VIOLATION	-	-	Land is in possession of Sterling Balajee Mega Ventures (Pride City Phase-I) under joint registered joint venture. All land records is enclosed with our EC Application .	-	-	Nagran/ GKA/ 2011 dated 03/09/2011 (attached as Annexure - I)
3	Baseline Environmental Quality (2012-19)	All the parameters are in the comfort zone in one season EIA study Monitoring	--	105000 (amount may be proposed for additional	-	-	15000	We have done EIA study. All baseli

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
		data from 2012-19 is pending @ 15000/ year * 7 Years (2 Air, 2 Noise, 1 water)		plantation)				no data results are found satisfactory
4	A) Land	Total land area 40468.60 sq.mt., Ground Coverage @ 30% of multi unit = 3173.031 Sq.mt. & 29,291.83 sq.mt. plot area. Total Excavated material = 25384.248 Cu.m. (8 M depth) Top Soil = 3173.031 Sq.mt. (1 m depth) Total quantity of topsoil have been used for the development of landscaping	-	-	Land is in possession of Sterling Balajee Mega Ventures (Pride City Phase-I) under joint registered joint venture. All land records is enclosed with our EC Application .	-	-	No Violation
	B)	No new	--	--	Not	200000	--	For

Sr. No .	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	Ground Water	ground bore well is done for construction purpose.			applicable, till date no bore well for ground water tapping is proposed.			operational phase builder has applied to CGWA for backup water supply from Borewell. NO VIOLATION
	C) Surface water	Not applicable , No Water body exist within the project lease area	--	--	Not applicable	--	--	No violation
	D) Air	Water sprinkling had been done as per terms & condition of the work order agreements (3 water tankers/day)	--	--	Construction period = 4 years, Working Day = 800 day Per day water requirement = 12000 KLD (3 Tanker @	-	480000	All bills submitting in hard copies to SEAC. (attached as

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
					200/ tanker)			Annexure - III)
	E) Biodiversity	NOT APPLICABLE	--	--	NOT APPLICABLE	---	--	We have not created any change in the biodiversity of the area.
	f) Noise & Vibration	Site is fully barricaded (Annexure VI) All modern and new machinery was used on site.) NOT APPLICABLE			All machines and new machinery will be used on site			Bills submitted in hard copies. (attached as Annexure - III)
	g) Socio economy & Health	-	-	-	-	-		Done in EIA study
	g.a. Occupatio	Initial Medical Examination	--	175000 (amount	Initial Medical	-	25000	Total Calcul

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	nal Health checkup for 25 Workers	(IME) for 25 workers Deployed on site. (25X1000X7)		may be proposed for plantation)	Examination (IME) for 25 workers deployed on Site. (1000 Rs/worker s) for a year.			ated value for occupational health and check up, PPE's and Worker's Shelter have been covered under remedial cost
	g.b. Personal Protection Equipment's	Helmet has been Provided to the workers, enclosed Bill receipt as (Annexure-VII) (25X1200)		30000 (amount may be proposed for plantation)	Helmet, Jackets ,hand gloves & Boots will be Provide to 25 Workers	30,000	5000	
	g. c. Shelter and Sanitation for 25 workers	Temporary shelter & Mobile toilet has been provided to the workers		50000 (amount may be proposed for plantation)	Provision of Temporary shelter & Mobile toilet will be extended in numbers during the time of construction for 25 workers	70,000	-	
5	Contour Plan With slopes, Drainages pattern of	No conversion is done in storm water drainage pattern on	-	-	--	-	-	No Violation

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	the site and surrounding area any obstruction of the same by the projects.	site						
6	Tree Felling	--			No tree felling is proposed.			No tree felling is proposed.
7	Tree plantation	Total 500 trees planted & development of landscaping area (500 trees @Rs. 500+landscaping development)	5,00,000	-	landscaping development	2,95,415	240000	All remedial cost will be utilized for left over plantation & further development of additional lands

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
								capin g.
8	Permission for forest Land	NOT APPLICABLE	-	-	NOT APPLICABLE	-	-	No forest area is involved in this project.
9	Environment policy	Policy is part of Terms & Condition of mutual Agreement	-	-	-	-	-	Policy is part of Terms & Condition of mutual Agreement
10	Ground Water Classification	At construction phase no ground water has been used.	-	-	At construction phase no ground water has been used	2,00,000	20,000	For operational phase builder has applied for CGWA permission

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
								for backup water supply from Borewell.
11	Source of water, Water Requirement, use of treated waste Water	Water demand fulfill by the daily basis tankers. 400 KLD STP (Combined for phase 1 & Phase 2). (Dual Plumbing)	-	-	Source of Waste Water is from Municipal Corporation. 270 KLD STP has been install.	33,00,000	1,50,000	We have already obtained Municipal Water supply permission vide letter no. 2183/PM/JNNU RM/WS/2015 dated 03/09/2015 system. (attached)

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
								as Annexure - II) Cost of Remediation is given for installation of dual plumbing system.
12	Rain Water Harvesting	3 No. Rain water harvesting pit has been constructed for the project.		110000 (amount may be proposed for plantation)	Total 3 nos. of pits are proposed on site for operation phase	2,00,000	20,000	--
13	Soil Characteristics & Ground Water Table Soil Conservation	Total land area 40468.60 sq.mt., Ground Coverage @ 30% of multi unit = 3173.031 Sq.mt. & 29,291.83 sq.mt. plot area.	--	--	8m depth of rain water harvesting pits have been proposed, Quality of top soil & costing of its disposal	As per above	As per above	No violation

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
		Total Excavated material = 25384.248 Cu.m. (8 M depth) Top Soil = 3173.031 Sq.mt. (1 m depth) Total quantity of topsoil have been used for the development of landscaping						
14	Solid Waste Generation Treatment	Currently stacked within the premises will be revised in proposed boundary wall, stone pitching & retaining walls on site	0	0	Solid Waste will be revised in proposed boundary wall & stone pitching to reduce RCC work on site	16,20,000	2,88,000	MSW NOC is attached with hard copy reply. Vide letter no.
		Permission for Disposal of Solid waste from BMC obtained from 2015	--	--	Street garbage shall be controlled segregated transferred, and disposed oil by Nagar Nigam	--	--	411/A. AA./2015 dated 20/11/2015 (attached as Anne

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
					Bhopal.			Annexure - II)
15	Energy conservation & Energy Efficiency (LED bulb & Solar System)	Solar light proposed 20 KW	1000000		Provisional of the solar panels for streets lighting & common areas and LED light for commercial unit	--	30,000	We have proposed Solar Power of 20 KW.
16	D G Sets	Till date RMC has been used for construction.	-	-	-	--	--	We have not used DG set in our construction phase. (RMC bills attached as Annexure - III)

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
17	Parking & Roads	Approach road already exists sufficient space excises for Parking	-	-	Open Park & Other Services - 3,198.60 Sq.mt., Road Area - 600Sq.mt.	--	--	All adequate parking facilities have been provided as per T&CP norms.
18	Transportation of materials for construction	Till date on 90% construction have been done.	--	200000 (amount may be proposed for plantation) 90% construction has been completed till date	Storage hall/service yard will be for materials stacking during further 10% construction.	--	--	Some miscellaneous transportation work had not been done in appropriate manner. We are proposing

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
								some rounded amount in our remediation cost.
19	Disaster Management Plan	-	-	-	Centralized control room with ERP system	--	--	--
	a) Fire	Machines were equipped with their fire extinguishing equipments. Till date on 90% construction have been done	5,00,000 (amount may be proposed for fire machinery installation)		Fire fighting organizing and arrangement: External fire hydrant system, hose pipes, pumps with control panel, overhead tanks, first aid, fire extinguishers, sand buckets, Manual and automatic fire alarm, main security room etc.	19,20,000	50,000	All fire & safety facilities have been provided for the 90% constructed area.

Sr. No.	Environmental Factors / Attributes	Remedial Plan / Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	b) Accidental & First aid etc.	First aid kit & room provided on site, enclosed photos No accident or injury is reported during the earlier construction period.		-	First aid kit for worker's safety on site			
	c) Safety	All loading machines, dumpers & Equipments will be deployed as per safety norms mentioned in Agreement.		-	All loading machines, dumpers & Equipments will be deployed as per safety norms mentioned in Agreement.			
			20,00,000	670000		78,35,415	13,23,000	
	Total Capital cost for Remedial Plan		Say	20.00 Lacs	Total capital cost for EMP	Say	78.35 Lacs.	
	Total recurring cost for Remedial Plan		Say	6.70 Lacs	Total Recurring Cost for EMP	Say	13.35Lacs.	
			Total	26.70 Lacs				

Thus as above, PP has proposed Rs. 105.05 Lakhs (Rs. 26.70 Lakhs as Remediation Cost and Rs. 78.35 Lakhs as capital cost and Rs. 13.35 Lakhs as recurring cost in the EMP) for this project and PP, M/s Sterling Balajee Mega Ventures, Bhopal (MP) has proposed to submit bank guarantee of INR Rs. 26.70 Lakhs towards Remediation Plan.

Committee after considering the reply recommends that PP may be asked to deposit the bank guarantee (BG) with three years validity of Rs. 26.70 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Proposed “Pride City Phase –I” of M/s Sterling Balajee Mega Ventures at Khasra No. – 318/2, 319, 320/2, 321/2, Village - Katara, Tehsil - Huzur, Distt. - Bhopal (M.P.) (Total Plot Area: 40468.60 Sqm, Net Planning Area: 39868.60 Sqm, (3.986 Hect.) ,Total Built-up Area: 43830.48. Category: 8 (a) Building & Construction Project. subject to the following special conditions and submission of bank guarantee (BG) with 03 years validity of Rs. 26.70 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution control Board, with following additional conditions:

I. Statutory Compliance

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.

- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 01 Diesel power generating sets 125 kVA (1 x 125kVA) proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG set 1 x 125kVA shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 313KLD out of which 200.0 KLD is fresh water requirement and 243 KLD will be the total recycled water generated, out of which 100.0KLD recycled water will be used for flushing and 13.0 KLD horticulture, while water will be used for horticulture.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be to monitor to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed

as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.

- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fire water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. For rainwater harvesting, 05 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 26,801.63 m³/annum. Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. So total recharge capacity of this project shall be 26,801.63 m³/annum.
- xv. The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.
- xvi. All recharge should be limited to shallow aquifer.
- xvii. No ground water shall be used during construction phase of the project.
- xviii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xix. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
- xx. Sewage shall be treated in the MBBR based STP (Capacity - 243 KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xxi. The waste water generated from the project shall be treated in STP of 243KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xxii. No sewage or untreated effluent water would be discharged through storm water drains.
- xxiii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxiv. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Energy Conservation Techniques can be considered as Space Cooling: External shading prevents solar radiation from entering into the buildings and reduces the cooling load, results to better control of overheating and indoor temperatures. Space cooling load may be reduced by 30% due to proper shading.
- iv. Thermal insulation of buildings external walls and roof reduces the cooling load and improves indoor thermal comfort conditions by lowering heat gains through the building's envelope. Energy consumption in insulated buildings may be 5–30% less than in non-insulated buildings.
- v. Domestic hot water : Solar collectors reduce the annual energy consumption for domestic hot water production by lowering the load covered by electrical or thermal heating. Energy consumption in buildings with solar collectors may be 60–80% less than in buildings with electric heaters.
- vi. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

- vii. Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

VI. Waste Management

- i. Total waste 904.0 Kg/day, this consist all types of wastes (as organic 497.0 Kg/day and inorganic 407.0 Kg/day) and shall be treated/ disposed off as per provision made in the MSW Rules 2016.
- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i. Total 150 trees shall be planted in the area of 1531.03 sq.m (15.13%) which is developed as greenbelt development .

- ii. Not tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).
- iii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should included plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stack plied appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points
 - d. Parking norms as per local regulation
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 506 ECS (in which 217 ECS for multi unit parking and 289 for plot parking)
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or

proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Corporation Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of

implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

- v. PP has proposed Rs. 105.05 Lakhs (Rs. 26.70 Lakhs as Remediation Cost and Rs. 78.35 Lakhs as capital cost and Rs. 13.35 Lakhs as recurring cost) in the EMP.
- vi. The PP M/s Sterling Balajee Mega Ventures, Near Spring Valley, Katara Hills, Bhopal has proposed to submit bank guarantee of INR 14.03 Lakh towards Remediation Plan /Restoration Plan.
- vii. For this project PP has proposed Rs 8.20 Lakhs as Corporate Environment Responsibility (CER) @ 2.0 % of the project cost i.e. INR 4.10 Crores – Land and Machinery cost).

XI. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

27. Case No. - 5708/2018 M/s Sterling Balajee Mega Ventures, Near Spring Valley, Katara Hills, Bhopal, (M.P.) – 462043. Prior Environment Clearance for Pride City Phase - II of M/s Sterling Balajee Mega Ventures at Khasra No. – 316/1, Village - Katara, Tehsil - Huzur, Distt. - Bhopal (M.P.) Total Plot Area: 32374.88 Sqm, (3.237 Hect.) Net Planning Area: 39868.60 Sqm. (3.237 Hect.), Total Built-up Area: 32374.88 Sqm., Cat. - 8(a) Building and Construction Projects. For – Building Construction Project. Env. Con. – In Situ Enviro Care, Bhopal (M.P.)

This is case of Prior Environment Clearance for Pride City Phase - II of M/s Sterling Balajee Mega Ventures at Khasra No. – 316/1, Village - Katara, Tehsil - Huzur, Distt. - Bhopal (M.P.)

Total Plot Area: 32374.88 Sqm, (3.237 Hect.) Net Planning Area : 39868.60 Sq.m. (3.237 Hect.), Total Built--up Area: 32374.88 Sq.m., Cat. 8(a) Project.

The case was presented by the PP and their consultant in 325th SEAC meeting dated 20/08/2018, wherein PP presented Salient features of the project and after perusals of the documents it was observed by the committee that the It's a case of Violation. Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC.

For details please refer 325th SEAC meeting dated 20/08/2018.

PP has submitted the EIA report vide letter dated 14/05/2019 which was forwarded by the SEIAA vide letter no. 1095/SEIAA/19 dated 10/06/2019

In the 380th SEAC meeting dated 05.07.2019, the EIA was presented by PP and their consultant, wherein after presentation and discussions it was observed by the committee that the remediation's plan and natural community resource augmentation plan submitted by PP needs to be revised as follows:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that
 - I. The area is developed as per the approved master plan.
 - II. No tree cutting was carried out during execution of this project.
 - III. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.
 - IV. No issue pertaining to R&R and land ownership is pending.
 - V. Commitment of PP regarding no tree felling is being done for construction activity.
 - VI. No GW was extracted during construction & operation of project.
 - VII. During construction phase RMC was used with its documentary evidence (bills copy to be annexed).
 - VIII. Entire top soil was used for plantation & land scape development and no top soil was wasted.

- IX. No DG sets were used during construction phase along with electricity bills.
3. Utilization- wise Land Use details as per approved T& CP approved layout.
 4. Proposed Energy conservation plan.
 5. Copy of fire and CGWB NOC.
 6. Map showing natural drainage all around the site.
 7. Revised CER and it should be proportionate with the project cost as per O.M dated 01/05/2018.
 8. CA audited report of all these expenditure made.
 9. Records of occupational health check-up during construction shall be provided.
 10. RWH details in separate sheet shall be submitted.
 11. Inventory of trees with species and number that have been planted till date with photographs.
 12. Justification for no remedial plan for air and noise during construction phase.
 13. Proposal for solar power in the project.
 14. Contour map of the project site with depiction on map that the storm/natural water of surrounding area is flowing according to surface topography.
 15. STP's status (Separate STP for multi-unit) with photographic proofs.
 16. Photographs of the first-aid facility, lightning arrester at mine site during construction phase.
 17. Recalculate green area % considering both row housing and multiunit residential development.
 18. Breakup of project in terms of proposed units, constructed, possession given, occupied units and vacant units.

PP vide their letter dated 02.11.2019 submitted the revised remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation in the tune of suggested guidelines by the committee, with the supported by documentary proofs, such as bills, CA audit, certificates, photographs, prescribed various undertakings and CER.

PP submitted that the project is under construction phase till date 37.5% construction has been done, 62.5% yet to done.

The revised plan submitted by PP is as follows-

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentati on Plan	Remedial Cost		Environmental Managem ent Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
1.	Land use as per Approved Master Plan by TNCP, Bhopal	Broken land is as per master plan approved by T&CP (enclosed land use area breakup & Undertaking as Annexure – I,II&III) NO VIOLATION	-	-	Project cost comprising land and machinery cost	1,92,00,000	7,15,000	T & CP Letter No. 501/L. P. 83/29/ Nagran i/ GKA/2012 dated 19/03/2013 (attach ed as Annexu re - I)
2	Environmental Sensitive Places, Land Acquisition Status, Resettlemen t & rehabilitation	Land is in possession of Pride City Phase - I enclosed land revenue record No R & R Applicable NO VIOLATION	-	-	Land is in possession of Sterling Balajee Mega Ventures (Pride City Phase-II) under joint registered joint venture. All land records is enclosed with our EC Applicatio n.	-	-	
3	Baseline Environmental Quality	All the parameters are in the	-	90000 (amount may be	-	-	15000	We have done

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentati on Plan	Remedial Cost		Environmental Managem ent Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	(2013-19)	comfort zone in one season EIA study Monitoring data from 2013-19 is pending @ 9000/ year * 6 Years (2 Air, 2 Noise, 1 water)		proposed for additional plantation)				EIA study. All baseline data results are found satisfactory
4	A) Land	Total land area 32374.88 sq.mt., Ground Coverage @ 30% of multi unit = 2152.82 Sq.mt. & 13133.85 sq.mt. plot area. Total Excavated material = 17222.568 Cu.m. (8 M depth) Top Soil = 2152.82 Sq.mt. (1 m depth) Total	-	-	Land is in possession of Sterling Balajee Mega Ventures (Pride City Phase-II) under joint registered joint venture. All land records is enclosed with our EC Application.	-	-	

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentati on Plan	Remedial Cost		Environm ental Managem ent Plan	EMP Cost		Remar ks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
		quantity of topsoil have been used for the developmen t of landscaping						
	B) Ground Water	No new ground bore well is done for construction purpose. NO VIOLATION	--	--	Not applicable, till date no bore well for ground water tapping is proposed.	200000	--	For operatio nal phase builder has applied to CGWA for backup water supply from Borewel l.
	C) Surface water	Not applicable , No Water body exist within the project lease area	--	--	Not applicable	--	--	No violatio n
	D) Air	Water sprinkling had been done as per terms & condition of the work	--	--	Construct ion period = 4 years, Working Day = 800 day	-	480000	All bills submitt ing in hard copies to SEAC.

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentati on Plan	Remedial Cost		Environmental Managem ent Plan	EMP Cost		Remar ks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
		order agreements (3 water tankers/day)			Per day water requirement = 12000 KLD (3 Tanker @ 200/ tanker)			(attach ed as Annexu re - III)
	E) Biodiversity	NOT APPLICABL E	--	--	NOT APPLICAB LE	---	--	We have not created any change in the biodive rsity of the area.
	f) Noise & Vibration	Site is fully barricaded (Annexure VI) All modern and new machinery was used on site.) NOT APPLICABL E			All machines and new machinery will be used on site			Bills submitt ed in hard copies. (attach ed as Annexu re - III)
	g) Socio economy & Health	-	-	-	-	-		Done in EIA study
	g.a. Occupationa l Health	Initial Medical Examination	-	120000 (amount may be	Initial Medical Examinati	-	12000	Total Calcula ted

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentati on Plan	Remedial Cost		Environmental Managem ent Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	checkup for 20 Workers (2013-19)	(IME) for 20 workers Deployed on site. 20X1000X6)		proposed for plantation)	on (IME) for 20 workers deployed on Site. (1000 Rs/worker s) for a year.			value for occupational health and checkup, PPE's and Worker's Shelter have been covered under remedial cost
	g.b. Personal Protection Equipment's	Helmet has been Provided to the workers,enclosed Bill receipt as (Annexure-VII) 20X1200X3)	-	72000 (amount may be proposed for plantation)	Helmet, Jackets ,hand gloves & Boots will be Provide to 20 Workers	--	5000	
	g. c. Shelter and Sanitation for 20 workers	Temporary shelter & Mobile toilet has been provided to the workers	-	50000 (amount may be proposed for plantation)	Provision of Temporary shelter & Mobile toilet will be extended in numbers during the time of construction for 20 workers	--	--	
5	Contour Plan With slopes,	No conversion is done in	--	-	-	--	-	No Violation

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	Drainages pattern of the site and surrounding area any obstruction of the same by the projects.	storm water drainage pattern on site NOT APPLICABLE						
6	Tree Felling	--	-	-	No tree Felling is proposed.	-	-	No tree Felling is proposed.
7	Tree plantation	Total 500 trees planted & development of landscaping area (250X500+landscaping development)	6,08,000	-	landscaping development	1,92,000	108000	All remedial cost will be utilized for left over plantation & further development of additional landscaping.
8	Permission for forest Land	NOT APPLICABLE	-	-	NOT APPLICABLE	-	-	No forest area is involved in this project.

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentati on Plan	Remedial Cost		Environmental Managem ent Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
9	Environment policy	Policy is part of Terms & Condition of mutual Agreement	-	-	-	-	-	Policy is part of Terms & Condition of mutual Agreement
10	Ground Water Classification	At construction phase no ground water has been used.	-	-	At construction phase no ground water has been used	2,00,000	20,000	For operational phase builder has applied for CGWA permission for backup water supply from Borewell.
11	Source of water, Water Requirement ,use of treated waste Water	Water demand fulfill by the daily basis tankers. (Dual Plumbing)	4,30,000	-	Source of Waste Water is from Municipal Corporation. 227 KLD STP has been installed.	-	-	We have already obtained Municipal Water supply permission vide letter

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
								no. 2185/ PM/ JNNUR M/WS/ 2015 dated 03/09/2015 system. (attached as Annexure - II) cost of Remediation is given for installation of dual plumbing system.
12	Rain Water Harvesting	2 No. Rain water harvesting pit has been constructed for the project.	-	125000 (amount may be proposed for plantation)	Total 2 nos. of pits are proposed on site for operation phase	75000	20000	--

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentati on Plan	Remedial Cost		Environmental Managem ent Plan	EMP Cost		Remar ks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
13	Soil Characteristics & Ground Water Table Top Soil Conservation	Total land area 32374.88 sq.mt., Ground Coverage @ 30% of multi unit = 2152.82 Sq.mt. & 13133.85 sq.mt. plot area. Total Excavated material = 17222.568 Cu.m. (8 M depth) Top Soil = 2152.82 Sq.mt. (1 m depth) Total quantity of topsoil have been used for the developmen t of landscaping	--	--	6m depth of rain water harvesting pits have been proposed, Quality of top soil & costing of its disposal	As per above	As per above	No violation
14	Solid Waste Generation Treatment	Currently stacked within the premises will be revised in proposed	--	--	Solid Waste will be revised in proposed boundary	5,40,000	50000	MSW NOC is attache d with hard copy

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
		boundary wall, stone pitching & retaining walls on site			wall & stone pitching to reduce RCC work on site			reply. Vide letter no. 410/SW A.V./A.
		Permission for Disposal of Solid waste from BMC obtained from 2015	--	--	Street garbage shall be controlled segregated transferred and disposed oil by Nagar Nigam Bhopal.	--	--	AA 2015 dated 20/11/2015 (attached as Annexure - II)
15	Energy conservation & Energy Efficiency (LED bulb & Solar System)	Solar light proposed 5KW	250000	--	Provisional of the solar panels for streets lighting & common areas and LED light for commercial unit	-	20000	We have proposed Solar Power of 5 KW.
16	D G Sets	Till date RMC has been used for construction.	--	-	-	--	--	We have not used DG set in our construction

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
								tion phase. (RMC bills attached as Annexure - III)
17	Parking & Roads	Approach road already exists sufficient space excises for Parking	-	-	Multi unit parking - 2,804.48 Sq.mt. (Stilt Area 2152.80 + 651.68 Podium Area)	--	--	All adequate parking facilities have been provided as per T&CP norms
18	Transportation of materials for construction	Till date on 37.5% construction have been done.	--	1,00,000 (amount may be proposed for plantation) only 37.5% construction has been completed till date	Storage hall/service yard will be for materials stacking during further 62.5% construction.	--	--	Some miscellaneous transportation work had not been done in appropriate manner. We are proposing some rounded amount

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
								in our remediation cost.
19	Disaster Management Plan	-	-	-	Centralized control room with ERP system	--	--	--
	d) Fire	Machines were equipped with their fire extinguishing equipments. Till date on 37.5% construction have been done.	--	-	Fire fighting organizing and arrangement: External fire hydrant system, hose pipes, pumps with control panel, overhead tanks, first aid, fire extinguishers, sand buckets, Manual and automatic fire alarm, main security room etc.	--	--	Proposed for future development.
	e) Accident	First aid kit &	-	-	First aid kit			All

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentati on Plan	Remedial Cost		Environmental Managem ent Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	al & First aid etc.	room provided on site, enclosed photos No accident or injury is reported during theearlier construction period.			for worker's safety on site			Safety & First Aid facilities have been provide d for the 37.5% construc ted area.
	f) Safety	All loading machines, dumpers & Equipme nts will be deployed as per safety norms mentioned in Agreement.	-	-	All loading machines, dumpers & Equipme nts will be deployed as per safety norms mentioned in Agreement .			
			12,88,000 /-	557000		12,07,000 /-	7,15,000/-	
	Total Capital cost for Remedial Plan		Say	12.88 Lacs	Total capital cost for EMP	Say	12.07 Lacs.	
	Total recurring cost for Remedial Plan		Say	5.57 Lacs	Total Recurring Cost for EMP	Say	07.15 Lacs.	
			Total	18.45				

Sr. No.	Environmental Factors / Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remarks
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
				Lacs				

Thus as above, PP has proposed Rs. 30.52 Lakhs (Rs. 18.45 Lakhs as Remediation Cost and Rs. 12.07 Lakhs as capital cost and Rs. 07.15 Lakhs as recurring cost in the EMP) for this project and PP, M/s. Sterling Balajee Mega Ventures, Bhopal has proposed to submit bank guarantee of INR Rs. 18.45 Lakhs towards Remediation Plan.

Committee after considering the reply recommends that PP may be asked to deposit the bank guarantee (BG) with three years validity of Rs. 18.45 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Proposed “Pride City Phase – II” of M/s Sterling Balajee Mega Ventures at Khasra No. – 316/1, Village - Katara, Tehsil - Huzur, Distt. - Bhopal (M.P.) Total Plot Area: 32374.88 Sqm, (3.237 Hect.) Net Planning Area: 39868.60 Sqm. (3.237 Hect.), Total Built-up Area: 32374.88 Sqm, Category: 8 (a) Building & Construction Project. subject to the following special conditions and submission of bank guarantee (BG) with 03 years validity of Rs. 18.45 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution control Board , with following additional conditions:

I. Statutory Compliance

- The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.

- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 01 Diesel power generating sets 125 kVA (1 x 125kVA) proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.

- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG set 1 x 125kVA shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 282 KLD out of which 167.0 KLD is fresh water requirement and 204 KLD will be the total recycled water generated, out of which 84.57 KLD recycled water will be used for flushing and 30.0 KLD horticulture, while water will be used for horticulture.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be to monitor to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.

- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fire water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. For rainwater harvesting, 04 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 17292 m³/annum. Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. So total recharge capacity of this project shall be 17292 m³/annum.
- xv. The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.
- xvi. All recharge should be limited to shallow aquifer.
- xvii. No ground water shall be used during construction phase of the project.
- xviii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xix. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
- xx. Sewage shall be treated in the MBBR based STP (Capacity - 270 KLD and proposed for 400 KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.

- xxi. The waste water generated from the project shall be treated in STP of 270 KLD and proposed for 400 KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xxii. No sewage or untreated effluent water would be discharged through storm water drains.
- xxiii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxiv. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Energy Conservation Techniques can be considered as Space Cooling: External shading prevents solar radiation from entering into the buildings and reduces the cooling load, results to better control of overheating and indoor temperatures. Space cooling load may be reduced by 30% due to proper shading.
- iv. Thermal insulation of buildings external walls and roof reduces the cooling load and improves indoor thermal comfort conditions by lowering heat gains through the building's envelope. Energy consumption in insulated buildings may be 5–30% less than in non-insulated buildings.

- v. Domestic hot water : Solar collectors reduce the annual energy consumption for domestic hot water production by lowering the load covered by electrical or thermal heating. Energy consumption in buildings with solar collectors may be 60–80% less than in buildings with electric heaters.
- vi. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- vii. Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

VI. Waste Management

- i. Total waste 894.0 Kg/day, this consist all types of wastes (as organic 492.0 Kg/day and inorganic 402.0 Kg/day) and shall be treated/ disposed off as per provision made in the MSW Rules 2016.
- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.

- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i. Total 325 trees shall be planted in the area of 3423.85 sq.m with additional periphery 396.61 sq.m which is developed as greenbelt development .
- ii. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).
- iii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - e. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - f. Traffic calming measures.
 - g. Proper design of entry and exit points

h. Parking norms as per local regulation

- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 419 ECS (in which 173 ECS for multi unit and mixed uses parking and 100 for open parking).
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Corporation Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any

infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.

- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. PP has proposed Rs. 30.52 Lakhs (Rs. 18.45 Lakhs as Remediation Cost and Rs. 12.07 Lakhs as capital cost and Rs. 07.15 Lakhs as recurring cost) in the EMP.
- vi. The PP M/s. Sterling Balajee Mega Ventures, Near Spring Valley, Katara Hills, Bhopal, (M.P.) has proposed to submit bank guarantee of INR 18.45 Lakhs towards Remediation Plan /Restoration Plan.
- vii. For this project PP has proposed Rs 3.84 Lakhs as Corporate Environment Responsibility (CER) @ 2.0 % of the project cost i.e. INR 1.92 Crores – Land and Machinery cost).

XI. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by

the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

28. Case No. - 5758/2018 "Sterling Globe Grand" of M/s Sterling Globe Builders, Parther Shri Sanjeev Sabherwal, Village opposite Hanumarn Nagar, Jatkheri Road, Near Hoshangabad Road, Tehsil -Huzur, District -Bhopal (MP)-462026. Prior Environment Clearance for "Sterling Globe Grand" of M/s Sterling Globe Builders, Total Plot Area - 12,600.00 sq.mt. (1.26 hect.), Total Built up Area – 29,845.64 Sq. mt., at Village - Opposite Hanumar Nagar, Jatkheri Road Near Hoshangabad Road, Tehsil -Huzur, District -Bhopal (M.P.) Category: 8(a) Building & Construction Project. Env. Con. – In Situ Enviro Care, Bhopal (MP.).

This is case of Prior Environment Clearance for Proposed Construction of Construction of Group Housing Project "Sterling Globe Grand" of M/s Sterling Globe Builders, Total Plot Area -12600.00 sq.mt. (1.26 hect.), Total Built up Area – 29845.64 Sq. mt., at Village - Opposite Hanumar Nagar, Jatkheri Road Near Hoshangabad Road, Tehsil -Huzur, District - Bhopal (M.P.) Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 332nd SEAC meeting dated 26/10/2018, wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation.

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8th March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

PP during presentation stated that they have already carried-out the monitoring and requested to use that monitoring data, committee allow to use that data along with one month validation data. Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and as per Annexure-D:-

1. Project description, its importance and the benefits.
2. Project site detail (location, Top sheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PM2.5, SO₂, NO_x & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

PP has submitted the EIA report vide letter dated 10/06/2019 which was forwarded by the SEIAA vide letter no. 1196/SEIAA/19 dated 20/06/2019

In the SEAC 384th SEAC meeting dated 11-07-19, the EIA was presented by PP and their consultant. During presentation PP submits the following salient features of this project:

- The total area of the project “**STERLING GLOBE GRAND**” is 12,600.00 sqm, net planning area is 10,118.05 sqm and total built-up area is 29,845.64 sqm. T&CP approved project will offer 224 flats & 19 EWS with an option of 2/3/4 bedrooms. The Co-ordinates of the project site are 23°10'21.25"N, 77°27'52.22"E.
- This project is independent project and does not link with any other projects which attracts directly or indirectly any provisions of schedule of EIA notification 2006 amended to date.
- Till date we have constructed 19783.81 sq.mt. (66.13%) area out of 29845.64 Sq.mt. total proposed Build-up area. Remaining 10061.83 sq.mt. (33.87%) construction will be done after obtaining EC.

After presentation and deliberation it was observed by the committee that the remediation's plan and natural community resource augmentation plan submitted by PP needs to be revised as follows:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that :-
 - i. The area is developed as per the approved master plan.
 - ii. No tree cutting was carried out during execution of this project.
 - iii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.
 - iv. No issue pertaining to R&R and land ownership is pending.
 - v. Commitment of PP regarding no tree felling is being done for construction activity.
 - vi. No GW was extracted during construction & operation of project.
 - vii. During construction phase RMC was used with its documentary evidence (bills copy to be annexed).

- viii. Entire top soil was used for plantation & land scope development and no top soil was wasted.
- ix. No DG sets were used during construction phase along with electricity bills.
- 3. Utilization- wise Land Use details as per approved T& CP approved layout.
- 4. Proposed Energy conservation plan.
- 5. Copy of fire and CGWB NOC.
- 6. Map showing natural drainage all around the site.
- 7. Revised CER and it should be proportionate with the project cost as per O.M dated 01/05/2018.
- 8. CA audited report of all these expenditure made.
- 9. Records of occupational health check-up during construction shall be provided.
- 10. RWH details in separate sheet shall be submitted.
- 11. Inventory of trees with species and number that have been planted till date with photographs.
- 12. Justification for no remedial plan for air and noise during construction phase.
- 13. Proposal for solar power in the project.
- 14. Contour map of the project site with depiction on map that the storm/natural water of surrounding area is flowing according to surface topography.
- 15. STP's status with photographic proofs.
- 16. Photographs of the first-aid facility, lightning arrester at mine site during construction phase.

PP vide their letter dated 31.10.2019 2019 submitted the revised remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation in the tune of suggested guidelines by the committee, with the supported by documentary proofs, such as bills, CA audit, certificates, photographs, prescribed various undertakings and CER.

PP submitted that the project is under construction phase till date 66.13% construction has been done, 33.87% yet to done. All remediation budget is for construction phase.

The revised plan submitted by PP is as follows-

Sr. No.	Environmental Factors/Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
1.	Land use as per Approved Master Plan by TNCP, Bhopal	Broken land is as per master plan approved by T&CP (enclosed land use area breakup & Undertaking as Annexure - I, II & III) NO VIOLATION	-	-	Project cost comprising land and machinery cost	4,18,00,000	8,73,000	T & CP Letter No. 674/L.P. 130/283 /29 (3) / Nagrani / GKA/20 10-13 dated 02/04/2013 (attached as Annexure - I)
2	Environmental Sensitive Places, Land Acquisition Status, Resettlement & rehabilitation	Land is in possession of sterling globe builder enclosed land revenue record No R & R Applicable NO VIOLATION	-	-	Land is in possession of sterling globe builder enclosed land revenue record No R & R Applicable	-	-	
3	Baseline Environmental Quality	All the parameters are in the comfort zone in one season EIA study Monitoring data from 2013-18 is pending @ 15000/ year * 5 Years (2 Air, 2 Noise,	-	75000 (amount may be proposed for additional plantation)	-	-	15,000	We have done EIA study. All baseline data results are found satisfactory

Sr. No.	Environmental Factors/Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
		1 water)						
4	A) Land	Total land area 12600.00 sq.mt., Ground Coverage @ 28% = 2908 Sq.mt. Total Excavated material = 23,264 Cu.m. (8 M depth) Top Soil = 2908 Sq.mt. (1 m depth) Total quantity of topsoil have been used for the development of landscaping area which is 1531.03 sq.mt.	-	-	Land is in possession of sterling globe builder	-	-	No violation
	B) Ground Water	No new ground bore well is done for construction purpose. NO VIOLATION	--	--	Not applicable, till date no bore well for ground water tapping is proposed.	2,00,000	--	For operational phase builder has applied to CGWA for backup water supply from Borewell.

Sr. No.	Environmental Factors/Attributes	Remedial Plan/Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	C) Surface water	Not applicable, No Water body exist within the project lease area	--	--	Not applicable	--	--	No violation
	D) Air	Water sprinkling had been done as per terms & condition of the work order agreements (2 water tankers/day)	--	--	Construction period = 3 years, Working Day = 600 day Per day water requirement = 8000 KLD (2 Tanker @ 200/ tanker)	-	240000	All bills submitting in hard copies to SEAC. (attached as Annexure - III)
	E) Biodiversity	NOT APPLICABLE	--	--	NOT APPLICABLE	---	--	We have not created any change in the biodiversity of the area.
	f) Noise & Vibration	Site is fully barricaded (Annexure VI) All modern and new machinery was used on site.)	--	--	All machines and new machinery will be used on site	--	--	Bills submitted in hard copies. (attached as Annexur

Sr. No.	Environmental Factors/Attributes	Remedial Plan/Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
								e - III)
	g) Socio economy & Health	-	-	-	-	-		Done in EIA study
	g.a. Occupational Health checkup for 10 Workers	Initial Medical Examination (IME) for workers Deployed on site. 10X1000X5)	--	50000 (amount may be proposed for plantation)	Initial Medical Examination (IME) for 10 workers deployed on Site. (1000 Rs/workers) for a year.	--	10000	Total Calculated value for occupational health and checkup , PPE's and Worker's Shelter have been covered under remedial cost
	g.b. Personal Protection Equipments	Helmet has been Provided to the workers, enclosed Bill receipt as (Annexure-VII) 10X1200X5)	--	60000 (amount may be proposed for plantation)	Helmet, Jackets ,hand gloves & Boots will be Provide to 10 Workers	--	10000	
	g. c. Shelter and Sanitation for workers	Temporary shelter & Mobile toilet has been provided to the workers	--	50000 (amount may be proposed for plantation)	Provision of Temporary shelter & Mobile toilet will be extended in numbers during the time of construction for workers	1,00,000	10,000	
5	Contour Plan With slopes,	No conversion is done in storm water	--	-	--	--	--	NOT APPLICABLE

Sr. No.	Environmental Factors/Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	Drainages pattern of the site and surrounding area any obstruction of the same by the projects.	drainage pattern on site						
6	Tree Felling	--	--	--	No tree felling is proposed.	--	--	No tree felling is proposed.
7	Tree plantation	Total 110 trees planted & development of landscaping area (110 X 2000)	220000	-	landscaping development	--	50000	All remedial cost will be utilized for left over plantation & further development of additional landscaping.
8	Permission for forest Land	NOT APPLICABLE	-	-	NOT APPLICABLE	-	-	No forest area is involved in this project.
9	Environment policy	Policy is part of Terms & Condition of mutual	-	-	-	-	-	Policy is part of Terms & Condition

**STATE EXPERT APPRAISAL COMMITTEE MINUTES
OF 405th MEETING**

**08th
November, 2019**

Sr. No.	Environmental Factors/Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
		Agreement						n of mutual Agreement
10	Ground Water Classification	At construction phase no ground water has been used.	-	-	At construction phase no ground water has been used	2,00,000	20000	For operational phase builder has applied for CGWA permission for backup water supply from Borewell.
11	Source of water, Water requirement, use of treated waste Water	Water demand fulfill by the daily basis tankers. 145 KLD STP has been install. (Dual Plumbing)	-	4,50,000 (amount is proposed for installation of dual plumbing system)	Source of Waste Water is from Municipal Corporation. 145 KLD STP has been install.	14,00,000	2,00,000	We have already obtained Municipal Water supply permission vide letter no. 1219/PM/JNNURM/WS/2015 dated 23/05/2015

Sr. No.	Environmental Factors/Attributes	Remedial Plan/Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
								system. (attached as Annexure - II) cost of Remediation is given for installation of dual plumbing system.
12	Rain Water Harvesting	2 No. Rain water harvesting pits have to be constructed for 66.13% constructed area.	--	100000	Total 4 nos. of pits are proposed on site for operation phase	200000	20,000	--
13	Soil Characteristics & Ground Water Table Top Soil Conservation	Total land area 12600.00 sq.mt., Ground Coverage @ 28% = 2908 Sq.mt. Total Excavated material = 23,264Cu.m. (8 M depth) Top Soil = 2908 Sq.mt. (1 m depth)	--	--	8m depth of rain water harvesting pits have been proposed, Quality of top soil & costing of its disposal	As per above	As per above	No violation

Sr. No.	Environmental Factors/Attributes	Remedial Plan/Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
		Total quantity of topsoil have been used for the development of landscaping area which is 1531.03 sq.mt.						
14	Solid Waste Generation Treatment	Currently stacked within the premises will be revised in proposed boundary wall, stone pitching & retaining walls on site		48000	Solid Waste will be revised in proposed boundary wall & stone pitching to reduce RCC work on site	--	196000	MSW NOC is attached with hard copy reply. Vide letter no. 164/SWA .V./15 dated 02/07/2015 (attached as Annexure - II)
		Permission for Disposal of Solid waste from BMC obtained from 2015	--	--	Street garbage shall be controlled segregated transferred, and disposed oil by Nagar Nigam Bhopal.	--	--	
15	Energy conservation & Energy Efficiency (LED bulb & Solar System)	Solar light proposed 5 KW	250000	--	Provisional of the solar panels for streets lighting & common areas and LED light for	--	20000	We have proposed Solar Power of 5 KW.

Sr. No.	Environmental Factors/Attributes	Remedial Plan/Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
					commercial unit			
16	D G Sets	Till date RMC has been used for construction.	-	-	-	--	--	We have not used DG set in our construction phase. (RMC bills attached as Annexure - III)
17	Parking & Roads	Approach road already exists sufficient space excises for Parking	-	-	Basement Parking Area – 4300 Sq.mt., Podium parking – 2517 Sq.mt., Total Parking Area = 6817 Sq.mt. and Road Area - 2481.95Sq.m t.	--	--	All adequate parking facilities have been provided as per T&CP norms.
18	Transportation of materials for construction	Till date on 66.13% construction have been done. Some miscellaneous transportation work had not	-	1,00,000 (amount may be proposed for plantation) only 66.13%	Storage hall/service yard will be for materials stacking during further 33.87% construction	--	--	Some miscellaneous transportation work had not been done in appropri

Sr. No.	Environmental Factors/Attributes	Remedial Plan/ Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
		been done in appropriate manner. Hence we are proposing some rounded amount under remediation plan		construction has been completed till date	.			ate manner. We are proposing some rounded amount in our remediation cost.
19	Disaster Management Plan	-	-	-	Centralized control room with ERP system	--	--	All fire & safety facilities have been provided for the 66.13% constructed area.
	a) Fire	Machines were equipped with their fire extinguishing equipments. Till date on 66.13% construction have been done	-	-	Fire fighting organizing and arrangement : External fire hydrant system, hose pipes, pumps with control panel, overhead tanks, first aid, fire extinguishers, sand buckets, Manual and automatic fire alarm, main security room etc.	51,20,000	1,00,000	
	b) Acciden	First aid kit &	-	-	First aid kit			

Sr. No.	Environmental Factors/Attributes	Remedial Plan/Augmentation Plan	Remedial Cost		Environmental Management Plan	EMP Cost		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost (per annum)	
	tal & First aid etc.	room provided on site, enclosed photos No accident or injury is reported during the earlier construction period.			for worker's safety on site			
	c) Safety	All loading machines, dumpers & Equipments will be deployed as per safety norms mentioned in Agreement.	-	-	All loading machines, dumpers & Equipments will be deployed as per safety norms mentioned in Agreement.			
			4,70,000/-	933000/-		72,20,000/-	8,91,000/-	
	Total Capital cost for Remedial Plan		Say	4.70 Lacs	Total capital cost for EMP	Say	72.20 Lacs.	
	Total recurring cost for Remedial Plan		Say	9.33 Lacs	Total Recurring Cost for EMP	Say	08.91 Lacs.	
			Total	14.03 Lacs				

Thus as above, PP has proposed Rs. 86.23 Lakhs (Rs. 14.03 Lakhs as Remediation Cost and Rs. 72.20 Lakhs as capital cost and Rs. Rs. 8.73 Lakhs as recurring cost in the EMP) for this project and PP, M/s Sterling Globe Builders, Parther Shri Sanjeev Sabherwal, Village opposite

Hanumarn Nagar, Jatkheri Road, Near Hoshangabad Road, Tehsil -Huzur, District -Bhopal (MP) has proposed to submit bank guarantee of INR Rs. 14.03 Lakhs towards Remediation Plan.

Committee after considering the reply recommends that PP may be asked to deposit the bank guarantee (BG) with three years validity of Rs. 14.03 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Proposed "Sterling Globe Grand" of M/s Sterling Globe Builders, Total Plot Area -12,600.00 sq.mt. (1.26 hect.), Total Built up Area – 29,845.64 Sq. mt. (FAR+ Non FAR)), at Village - Opposite Hanumar Nagar, Jatkheri Road Near Hoshangabad Road, Tehsil -Huzur, District - Bhopal (M.P.) Category: 8 (a) Building & Construction Project. subject to the following special conditions and submission of bank guarantee (BG) with 03 years validity of Rs. 14.03 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution control Board , with following additional conditions:

I. Statutory Compliance

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.

- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 01 Diesel power generating sets 75 kVA (1 x 75kVA) proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG set 1 x 75kVA shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 185 KLD out of which 107 KLD is fresh water requirement and 131KLD will be the total recycled water generated, out of which 53 KLD recycled water will be used for flushing and 25 KLD horticulture, while water will be used for horticulture.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be to monitor to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

- xi. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fire water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. For rainwater harvesting, 02 recharge pits will be constructed for harvesting rain water. The total recharge capacity of these pits about 10,970.84 m³/annum. Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. So total recharge capacity of this project shall be 10,970.84 m³/annum.
- xv. The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.
- xvi. All recharge should be limited to shallow aquifer.
- xvii. No ground water shall be used during construction phase of the project.
- xviii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xix. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
- xx. Sewage shall be treated in the MBBR based STP (Capacity - 145 KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xxi. The waste water generated from the project shall be treated in STP of 145 KLD capacity (based on MBBR based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xxii. No sewage or untreated effluent water would be discharged through storm water drains.
- xxiii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxiv. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.
- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Energy Conservation Techniques can be considered as Space Cooling: External shading prevents solar radiation from entering into the buildings and reduces the cooling load, results to better control of overheating and indoor temperatures. Space cooling load may be reduced by 30% due to proper shading.
- iv. Thermal insulation of buildings external walls and roof reduces the cooling load and improves indoor thermal comfort conditions by lowering heat gains through the building's envelope. Energy consumption in insulated buildings may be 5–30% less than in non-insulated buildings.
- v. Domestic hot water : Solar collectors reduce the annual energy consumption for domestic hot water production by lowering the load covered by electrical or thermal heating. Energy consumption in buildings with solar collectors may be 60–80% less than in buildings with electric heaters.
- vi. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

- vii. Energy conservation measures like installation of CFLs/LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

VI. Waste Management

- i. Total waste 481.841 Kg/day, this consist all types of wastes (as organic 265.012 Kg/day and inorganic 216.82 Kg/day) and shall be treated/ disposed off as per provision made in the MSW Rules 2016.
- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

VII. Green Cover

- i. Total 150 trees shall be planted in the area of 1531.03 sq.m (15.13%) which is developed as greenbelt development .

- ii. Not tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).
- iii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should included plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stack plied appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points
 - d. Parking norms as per local regulation
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 220 ECS.
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent

authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Corporation Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of

implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

- v. PP has proposed Rs. 86.23 Lakhs (Rs. 14.03 Lakhs as Remediation Cost and Rs. 72.20 Lakhs as capital cost and Rs. Rs. 8.73 Lakhs as recurring cost) in the EMP.
- vi. The PP M/s Sterling Globe Builders, Parther Shri Sanjeev Sabherwal, Bhopal has proposed to submit bank guarantee of INR 14.03 Lakh towards Remediation Plan /Restoration Plan.
- vii. For this project PP has proposed Rs 8.36 Lakhs as Corporate Environment Responsibility (CER) @ 2.0 % of the project cost i.e. INR 4.18 Crores – Land and Machinery cost).

XI. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

(Dr. Sonal Mehta)
Member

(Dr. A.K. Sharma)
Member

(Dr. Mohd. Akram Khan)
Member

(R.S.Kori)
Secretary

(Mohd. Kasam Khan)
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.

9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'C'

Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the

project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.

16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K shall be analyzed in all soil samples.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

26. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
27. Detailed analysis of availability and quality of the drinking water resources available in the block.
28. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
29. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.