

The 184th meeting of the State Expert Appraisal Committee (SEAC) was held on 28th April, 2015 under the Chairmanship of Dr. R. B. Lal for discussion on the query responses submitted by the PP and the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohini Saxena, Member
2. Shri K.P. Nyati, Member
3. Dr. U.R. Singh, Member
4. Dr. M.P. Singh, Member
5. Dr. Alok Mittal, Member
6. Shri Manohar K. Joshi, Member
7. Shri A.A. Mishra, Secretary

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

- 1. Case No. 1784/2014- Shri Shailendra Tiwari S/o Late Shri Revti Prasad Tiwari, F-305, Vaibhav Apartment, Surendra Palace, Hoshangabad Road, District-Bhopal (M.P.)-466115 Ramgarh Metal Stone Quarry Lease Area –2.00 ha at Khasra No. –97/1,103. at Village-Ramgarh, Tehsil-Ichawar, District-Sehore (M.P.), Capacity – 12000 Cu.mt./Year.**

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *at Khasra No. –97/1,103. at Village-Ramgarh, Tehsil-Ichawar, District-Sehore (M.P.)* in 2.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 4999 dated 21/08/2014 has reported that there is no mine operating or proposed within 500 meters around the said mine.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. The road bifurcating the lease area shall not be mined out as per the provisions of Mining Plan.
2. DG-Set is proposed to meet out the power requirement for the project hence necessary authorization and consents for the same shall be obtained from the MPPCB.
3. 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.
4. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
6. Transportation of material shall be done in covered vehicles.
7. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
8. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.

9. Curtaining of site shall be done using appropriate media.
10. Production of stone boulder shall be as per the mining plan not exceeding 12000 m³/Year and maximum average depth of pits shall not exceed 12 meters.
11. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
12. Transportation shall not be carried out through forest area.
13. Appropriate activities shall be taken up for social up-liftment of the Area. Funds reserved towards the same shall be utilized through Gram Panchayat.
14. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
15. 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.

2. Case No. – 1966/2014 Shri Hitesh Kanoongo, 23, Ram Bazar, Sendhwa, District-Barwani (MP)-451666 Stone Quarry Lease Area – 1.00 ha. at Khasra No. – 72/41/1, Village-Bakhtaria, Tehsil-Sendhwa, District-Barwani (MP) Capacity – 15000 Cubic mt./Year.

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 also PP was absent when the case was placed in the 162nd meeting. However, committee scrutinized the application and documents submitted by the PP in the meeting. Based on the scrutiny of the application it was decided to ask the PP to submit below mentioned information within a month's time, failure to which the case shall returned to SEIAA for delisting / rejection assuming that PP is not interested to continue with the project.

- The size & shape of the lease do not appear to support the targeted production of 15000 m³/Year the same needs explanation.
- Conceptual plans submitted are not clear.
- Conceptual plan submitted reveals that no buffer zone is left for peripheral plantation.
- The evacuation of material from the mine is not clear the same needs to be explained.
- EMP activity-wise budget is not clear.

3. Case No. – 1942/2014 M/s Shivrashi Commercial Private Ltd., Sudhar Nyas Building, Jabalpur Road, Bargawa, Katni (MP) Basalt Stone Quarry Lease Area – 3.970 ha., at Khasra No.- 247, 248, 249, 251, 264, 265 & 267, Village-Badagaon, Tehsil-Barhi, District-Katni (MP) Capacity – 137971 MT./Year.(about 55000 m³)

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 247, 248, 249, 251, 264, 265 & 267, Village-Badagaon, Tehsil-Barhi, District-Katni (MP) in 3.970 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 3425 dated 09/09/2014 has reported that there is 01 more mine operating /proposed within 500 meters around the said mine the total lease area being 6.56 Ha. PP has opted for a production capacity of 137971 MT i.e. about 55000 m³ per year, but committee had a view that environmentally sustainable mining is not possible with that production rate in light of the lease area & its shape, hence the committee suggested for a maximum production of 30000 m³ / Year, PP agreed for the same.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder shall be as per the mining plan not exceeding 30000 m³/Year and maximum average depth of pits shall not exceed 12 meters.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Transportation shall not be carried out through forest area.
11. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
13. 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.

4. **Case No. – 1972/2014 Shri Mahendra Kumar Tiwari, M/s Tiwari Stone Crusher, Malda, Tehsil-Gohparu, District-Shahdol (MP)-484770** *Basalt Stone Quarry Lease Area – 2.00 ha. at Khasra No. 188, Village-Aakuri, Tehsil-Gohparu, District-Shahdol (MP) Capacity- 8550 Cubic mt./Year.*

It was informed by the PP that a copy of revised Mining Plan has been submitted to SEIAA. However, the same has not been received at SEAC hence the case was deferred till receipt of the revised Mining Plan.

5. **Case No. – 1976/2014 Shri Brij Mohan Singh Thakur, Gram-Singori, Post & Tehsil-Paatan, District-Jabalpur (MP)** *Basalt Stone Quarry Lease Area – 1.750 ha. at Khasra No. 39, Village-Kumgawan, Tehsil-Patan, District-Jabalpur (MP) Capacity – 8820 Cum/Year*

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No. –97/1,103. at Village-Ramgarh, Tehsil-Icchawar, District-Sehore (M.P.)* in 1.750 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 4999 dated 21/08/2014 has reported that there is no mine operating or proposed within 500 meters around the said mine.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder shall be as per the mining plan not exceeding 8820 m³/Year and maximum average depth of pits shall not exceed 12 meters.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Transportation shall not be carried out through forest area.
11. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
13. 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.

6. Case No. – 2021/2014 Shri Lakhnan Singh S/o Shri Arjun Singh, Jhangirpur Tehsil Badnagar, Distt. Ujjain (M.P) Sand Mine in an area of 5.960 ha. For Production Capacity 87,360 cum/year at Khasra no.1, at Village-Malpura, Tehsil-Badnagar, Distt- Ujjain (M.P)

The case was discussed in the 176th meeting dated 26/02/2015 and recommended based on the presentation made by the PP. However, it was observed that the PP has not submitted a copy of letter from Mining Officer certifying the no. of mines and their lease area within 500 meters around the said mine. The same has not been submitted till dated. It was decided to ask the PP to submit the requisite information within 15 days. After which the case shall be returned to SEIAA for delisting assuming that the PP is not interested to continue the project.

7. Case No. 2049/2014- Shri Ish Kumar Sood, M/s Sahara Stone Crusher, E-2/42, Arera Colony, Bhopal (MP) Stone Quarry Lease Area – 1.915 ha. at Khasra No.- 569,570,571,572,573,560/1/2 , Village-Sarvar, Tehsil-Hujur, District-Bhopal (MP), Capacity – 63000 Cubic mt./Year.

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No.-569,570,571,572,573,560/1/2 , Village-Sarvar, Tehsil-Hujur, District-Bhopal (MP)*, in 1.915 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be

developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 2197 dated 17/09/2014 has reported that there is no mine operating or proposed within 500 meters around the said mine.

It was reported by the Tehsildar in his report that the habitation and a school is located within 500 meters from the project site. The distance as reported by the PP is about 400 meters. This is an operational mine. PP has submitted very low budget for the EMP and not much work has been carried out towards EMP. Hence it was decided by the committee to verify the facts through a site visit before any decision in the matter.

8. Case No. - 2062/2014 Shri Barjesh Sharma, M/s Maa Tripura Minerals, 3, New Govindpuri, Gwalior (MP)-474011 Baretha Sandstone Gitti Quarry Lease Area – 4.164 ha., at Khasra No.-8,9,10,11, Village-Baretha, Teh-Gwalior, District-Gwalior (MP), Capacity – 1.0 Lac Cubic mt./Year

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No.-8,9,10,11, Village-Baretha, Teh-Gwalior, District-Gwalior (MP)* in 4.164 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 82 dated 07/10/2014 has reported that there is no mine operating or proposed within 500 meters around the said mine.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder shall be as per the mining plan not exceeding 1.0 lac m³/Year and the maximum depth of pits shall not exceed 12 meters.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Transportation shall not be carried out through forest area.
11. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
13. 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.

9. Case No. 2064/2014 - Shri Manak Chand Jain S/o Shri Pannalal Jain, Singhana Road, Manawar, District-Dhar (MP)-454446 Basalt Stone & Murrum Quarry Lease Area – 2.861 ha., at Khasra No.-5, Village-Kasthali, Tehsil-Manawar, District-Dhar (MP), Capacity – Basalt Stone - 20226 Cubic mt./Year, Murrum Quarry - 4045 Cubic mt./Year,

This is a case of mining of stone bolder and murrum. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No.-5, Village-Kasthali, Tehsil-Manawar, District-Dhar (MP)* in 2.861 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 8053 dated 13/10/2014 has reported that there are 08 more mines operating/proposed within 500 meters around the said mine the total lease area being 20 Ha.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder & murrum shall be as per the mining plan not exceeding - *Basalt Stone - 20226 Cubic mt./Year, Murrum - 4045 Cubic mt./Year* and the maximum depth of pits shall as per the approved Mining Plan.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Transportation shall not be carried out through forest area.
11. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
13. 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.

10. Case No. - 2104/2014 Shri Jagdish Trivedi S/o Shri Ratan Lal Trivedi, Village-Piplanarayanwar, Tehsil-Sauser, Chhindwara (MP)-480109 Metal Stone Quarry Lease Area – 1.00 ha., at Khasra No.- 94, Village-Hiwarasendwar, Tehsil-Sauser, District-Chhindwara (MP), Capacity –10260 Cubic mt./Year.

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located *Khasra No.- 94, Village-Hiwarasendwar, Tehsil-Sausar, District-Chhindwara (MP)* in 1.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 11dated 05/11/2014 has reported that there is 01 more mine operating/proposed within 500 meters around the said mine the total lease area being 03Ha. Scrutiny of the Mining Plan reveals the presence of scheduled animals near the site. DFO has not commented on the issue. Hence, PP was asked to obtain a clarification on this issue from concerned forest officer and submit the same at the earliest.

11. Case No. - 2113/2014 Shri Anant Chaturvedi S/o Shri B.N. Chaturvedi, Post-Baidhan, Singrauli (MP)-460001 *Stone Quarry Lease Area – 2.00 ha., at Khasra No.-873 , Village-Bharra, Tehsil-Chitrangi, District-Singrauli (MP) ,Capacity –5000 Cubic mt./Year.*

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located ., *at Khasra No.-873 , Village-Bharra, Tehsil-Chitrangi, District-Singrauli (MP)* in 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 1177 dated 27/08/2014 has reported that there is no mine operating/ proposed within 500 meters around the said mine.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder shall be as per the mining plan not exceeding 5000 m³/ Year.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Transportation shall not be carried out through forest area.
11. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

13. 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.

12. Case No. - 2120/2014 Shri Jagdish Trivedi S/o Shri Ratan Lal Trivedi, Village-Pipalanaraywar, Tehsil-Sausar, District-Chhindwara (MP)-480109. Metal Stone Quarry Lease Area – 1.249 ha., at Kh No.-90/1 , Vill-Hifwarasendwar, Teh-Pandurna, District-Chhindwara (MP),Cap.-13680 Cubic mt./Year

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located ., at Kh No.-90/1 , Vill-Hifwarasendwar, Teh-Pandurna, District-Chhindwara (MP) in 1.249 ha. The project requires prior EC before commencement of any activity at site. The proposed production capacity is 13680 m3/Year but the same was restricted by the committee to 7500 in view of the lease area size and shape for environmentally sustainable mining.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 10 dated 05/11/2014 has reported that there is 01 more mine operating/ proposed within 500 meters around the said mine the total lease area being 2.249Ha. Scrutiny of the Mining Plan reveals the presence of scheduled animals near the site. DFO has not commented on the issue. Hence PP was asked to obtain a clarification on this issue from concerned forest officer and submit the same at the earliest.

13. Case No. 2121/2014- Shri Madan Mohan Pandey S/o Shri Badra Prasad Pandey, Katara Saleha, Tehsil-Gunaur, Panna (MP)-488333 Flag Stone Quarry Lease Area – 1.200 ha., at Khasra No.- 39/1, Village-Bijadouh Khilsari, Tehsil-Pawai, District-Panna (MP),Capacity – 677 Cubic mt./Year.

This is a case of mining of Flag-stone (Farsi-patthar). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located ., Khasra No.- 39/1, Village-Bijadouh Khilsari, Tehsil-Pawai, District-Panna (MP) in 1.2 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 1656 dated 16/09/2014 has reported that there are 02 more mines operating/ proposed within 500 meters around the said mine the total lease area being 3.9 Ha.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.

5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder shall be as per the mining plan not exceeding 677 m³/ Year.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Transportation shall not be carried out through forest area.
11. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
13. 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.

14. Case No. - 2122/2014 Shri Shailendra Singh S/o Shri Shivkumar Singh, Village-Pachwara, Tehsil-Gourihar, District-Chhatarpur (MP)-471525 Metal Stone Quarry Lease Area – 1.00 ha., at Khasra No.-2147, Village-Mahoikala, Tehsil-Gourihar, District-Chhatarpur (MP), Capacity –5800 Cubic mt./Year.

This is a case of mining of metal stone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located ., *Khasra No.-2147, Village-Mahoikala, Tehsil-Gourihar, District-Chhatarpur (MP)* in 1.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no. 1656 dated 16/09/2014 has reported that there are 02 more mines operating/ proposed within 500 meters around the said mine the total lease area being 3.9 Ha.

Submissions made by the PP were found to be satisfactory and acceptable. Scrutiny of the documents reveals that letter from Mining Officer certifying the leases within 500 meters radius around the site has not been submitted hence PP was asked to submit the same at the earliest.

15. Case No. - 2123/2014 Shri Azad Kumar Jain, Partner, M/s Badkul Enterprises, Pathak Ward, Tehsil-Beena, Sagar (MP)- Basalt Stone Quarry Lease Area – 2.00 ha., at Khasra No.-970/1 , Village-Basahari, Tehsil-Khurai, District-Sagar (MP) ,Capacity –6000 Cubic mt./Year.

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located ., *at Khasra No.-970/1 , Village-Basahari, Tehsil-Khurai, District-Sagar (MP)* in 2.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no.672 dated 14/10/2014 has reported that 02 more mines are operating/ proposed within 500 meters around the said mine the total lease area being 5.05 Ha.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder shall be as per the mining plan not exceeding 6000 m³/ Year.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Transportation shall not be carried out through forest area.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
13. 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.

16. Case No. – 2148/2014 Smt. Sudha Gound W/o Shri Balaji Gound, Ward No. 1, Badamalehra, Chhatarpur (MP)-471001 Metal Stone Quarry Lease Area – 4.00 ha. Capacity-28560 Cu.mt./Year, at Khasra No. -320/1 , Village-Bhangan, Tehsil-Badamalehra, District-Chhatarpur (MP).

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located, *at Khasra No. -320/1 , Village-Bhangan, Tehsil-Badamalehra, District-Chhatarpur (MP)* in 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no.1254 dated 15/10/2014 has reported that 01 more mine is operating/ proposed within 500 meters around the said mine the total lease area being 5.8 Ha. It was reported that the site has a hilly terrain (elevated).

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA

4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder shall be as per the mining plan not exceeding 28560 m³/ Year.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Transportation shall not be carried out through forest area.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
13. 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.

17. Case No. – 2150/2014 Shri Neeraj Jain S/o Shri Rishabh Kumar Jain, Village-Rajakhedi Square, Makroniya, Sagar (MP)-470004 Basalt Stone Quarry Lease Area – 1.00 ha., Capacity-4500 Cu.mt./Year, at Khasra No. - 521, Village-Ghana, Tehsil-Devri, District-Sagar (MP)

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 also PP was absent when the case was placed in the 170th meeting. However, committee scrutinized the application and documents submitted by the PP in the meeting. Based on the scrutiny of the application it was decided to ask the PP to submit below mentioned information within a month's time, failure to which the case shall returned to SEIAA for delisting / rejection assuming that PP is not interested to continue with the project.

- Conceptual plans submitted are not clear.
- Information from DFO in the prescribed format to be furnished.
- Letter of Mining Department for in-principle allocation of mine is not available in the submitted documents.
- The evacuation of material from the mine is not clear the same needs to be explained.
- EMP activity-wise budget is not clear.

18. Case No. 2169/2014- Shri Sanjeev Kumar Singh S/o Shri Kaushal Singh, Village-Gahira, Post-Ghughra, Sidhi (MP)-486661 Metal Stone Quarry Lease Area – 2.65 ha., at Khasra No. - 395, Capacity - 18126 Cum/Year, Village-Parasi, Tehsil-Sarai, District-Singrauli (M.P).

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 also PP was absent when the case was placed in the 171st meeting. However, committee scrutinized the application and documents submitted by the PP in the meeting. Based on the scrutiny of the application it was decided to ask the PP to submit below mentioned information within a month's time, failure to which the case shall returned to SEIAA for delisting / rejection assuming that PP is not interested to continue with the project.

- Conceptual plans submitted are not clear.
- Information from DFO in the prescribed format to be furnished.
- Letter of Mining Department for in-principle allocation of mine is not available in the submitted documents.
- The evacuation of material from the mine is not clear the same needs to be explained.
- EMP activity-wise budget is not clear.

19. Case No. – 2188/2014 Shri Deepak Jain, Chairman, M/s D.P. Jain & Co. Infrastructure Pvt. Ltd., U-6, Himalaya Accord Apartment, Opp. Law Collage, Amrawati Road, Nagpur-10 (MH)-440001). Stone Quarry Lease Area – 4.00 ha. at Khasra No. -513/1, , at Village-Kachnariya, Tehsil-Nagda, District-Ujjain (MP) Capacity - 45000 Cum/Year

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located, at Khasra No. -513/1, , Village-Kachnariya, Tehsil-Nagda, District-Ujjain (MP) in 4.00 ha. The project requires prior EC before commencement of any activity at site. This is a road-linked project. It was reported that temporary permit has been issued for two years.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no.23- dated 12/02/2015 has reported that no mine is operating/ proposed within 500 meters.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder shall be as per the mining plan not exceeding 45000 m³/Year and the average depth of pits shall not exceed 6 meters.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Transportation shall not be carried out through forest area.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
13. 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.

20. Case No. – 2189/2014 Shri Deepak Jain, Chairman, M/s D.P. Jain & Co. Infrastructure Pvt. Ltd., U-6, Himalaya Accord Apartment, Opp. Law Collage, Amrawati Road, Nagpur-10 (MH)-440001 Stone Quarry Lease Area – ha., 0.830 ha., at Khasra No. -530, Capacity - 20000 Cum/Year, Village-Kachnariya, Tehsil-Nagda, District-Ujjain (MP).

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located, at Khasra No. -530, Village-Kachnariya, Tehsil-

Nagda, District-Ujjain (MP).in 0.830 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no.835 dated 17/11/2014 has reported that 01 more mine is operating/ proposed within 500 meters around the said mine the total lease area being 2.83 Ha. This is a road-linked project. It was reported that temporary permit has been issued for two years.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Production of stone boulder shall be as per the mining plan not exceeding 20000 m³/ Year and the average depth of pits shall not exceed 6 meters.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Transportation shall not be carried out through forest area.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
12. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
13. 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.

21. Case No. – 2197/2014 Smt. Sona Sandhu W/o Shri Manindar Singh Sandhu, Mukerjee Nagar, Vidisha (MP)-464001 Stone Quarry Lease Area – 4.00 ha., Capacity-14250 Cu.mt./Year, at Khasra No. -35, Village-Chouravar, Tehsil-Basoda, District-Vidisha (MP)

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. However request from PP was received for considering the case in the meeting scheduled for next dated i.e. 29th April 2015, committee accepted the request subject to availability of time.

22. Case No. – 2198/2014 Shri Sudeep Dubey S/o Shri Ramkishan Dubey, Village-Rajwas, Tehsil-Malthon, Sagar (MP)-470441 Stone Quarry Lease Area – 3.00 ha., Stone Quarry Lease Area – 3.0 Hect. at Capacity-11400 Cu.mt./Year, at Khasra No. -424/2 , Village-Bikor Kalan, Tehsil-Malthon, District-Sagar (MP).

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located, at Khasra No. -424/2, Village-Bikor Kalan,

Tehsil-Malthon, District-Sagar (MP) in 3.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is not proposed in the lease area. Concerned Mining Officer vide letter no.23- dated 12/02/2015 has reported that no mine is operating/ proposed within 500 meters.

Submissions made by the PP were found to be satisfactory and acceptable. Thus, based on the submissions made by the PP the case was recommended for grant of prior EC subject to the following special conditions:

1. 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.
2. The mined out pits shall be developed into water body being appropriately fenced and with safe stairway.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media. Especially the wind-breaking walls around the crusher. Extensive plantation shall be carried out on the boundary towards the habitation.
8. Safe blasting with pre-determined schedule shall be carried out in presence of experts.
9. Production of stone boulder shall be as per the mining plan not exceeding 11400 m³/ Year and the average depth of pits shall not exceed 6 meters.
10. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
11. Transportation shall not be carried out through forest area.
12. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
13. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. 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.

23. Case No. – 2206/2014 Shri Devendra Singh S/o Shri Shivcharan Singh, M/s D.S. Company, Village-Rampura, Post-Fatehpur, Dist-Karouli (Raj.)-322241 Majouna River Sand Quarry Lease Area 65.00 ha., at Khasra No. - 602, Village-Majouna, Tehsil-Devsar, Singrauli (MP) Capacity -142500 Cum/Year,

This is a case of mining of sand. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located, at Khasra No. - 602, Village-Majouna, Tehsil-Devsar, Singrauli (MP) in 5.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. PP has reported that the pit formed after mining shall be developed into a water body. Concerned Mining Officer vide letter no.1860dated 27/12/2014 has reported that no mine is operating/ proposed within 1000 meters around the said

mine. PP has reported that about 7 huts exists at about 150 meters from the project boundary and a water body is located at about 300 meters from the project boundary.

The submissions made by the PP were found to be satisfactory and acceptable hence based on the visit observations and PP's submission the case was recommended for grant of prior EC subject to the following special conditions:

1. The amount towards reclamation of the 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.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. PP shall use the rejects and soil for plantation on the banks to prevent damages of the banks.
4. Annual abstraction of sand shall be as per the approved Mining Scheme and the depth of mining shall be restricted to 3m or water level, whichever is less and production capacity not exceeding 142500 m³/ Year.
5. Mining shall be carried only between 1st October to 31st May i.e. during non-monsoon period.
6. Transportation of sand shall not be carried out through forest area.
7. The mining activity shall be done manually.
8. Heavy vehicles shall not be allowed on the banks for loading of sand.
9. The sand shall be transported by small trolleys up to the main transport vehicle.
10. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
11. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone of 1 Km 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.
12. No in stream mining shall be allowed.
13. The mining shall be carried out strictly as per the approved mining plan and ensure 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.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. 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.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the Gram Panchayat.
18. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
19. EC will be valid for mine lease period subject to a ceiling of 5 years.

Meeting ends with the thanks to the Chair and the Members.

[Dr. R.B. Lal, Chairman]

[K.P. Nyati, Member]

[Manohar K. Joshi, Member]

[Dr. Alok Mittal, Member]

[Dr. U.R. Singh, Member]

[Dr. M.P. Singh, Member]

[Dr. Mohini Saxena, Member]

[A.A. Mishra, Secretary]