

## Minutes of the 492<sup>nd</sup> Meeting of SEIAA dated. 07.07.2018

The 492<sup>nd</sup> meeting of the State Level Environment Impact Assessment Authority was convened on 07.07.2018 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Rakesh K. Shrivastava, Chairman, SEIAA. The following members attended the meeting:-

- |    |                  |                  |
|----|------------------|------------------|
| 1  | Shri R.K. Sharma | Member           |
| 2. | Shri P Narahari  | Member Secretary |

### A. Following mining cases and additional queries have been considered:-

S.No.	Case No.	Category	No. & date of latest SEAC & SEIAA meeting
1.	5685/2018	1(a)	491 <sup>st</sup> SEIAA meeting dated 05.07.2018
2.	5699/2018	1(a)	491 <sup>st</sup> SEIAA meeting dated 05.07.2018
3.	5694/2018	1(a)	491 <sup>st</sup> SEIAA meeting dated 05.07.2018
4.	5705/2018	1(a)	491 <sup>st</sup> SEIAA meeting dated 05.07.2018
5.	5686/2018	1(a)	491 <sup>st</sup> SEIAA meeting dated 05.07.2018
6.	5677/2018	1(a)	491 <sup>st</sup> SEIAA meeting dated 05.07.2018
7.	5485/2016	8(a)	491 <sup>st</sup> SEIAA meeting dated 05.07.2018
8.	5567/2017	1(c)	491 <sup>st</sup> SEIAA meeting dated 05.07.2018
9.	5561/2017	1(c)	491 <sup>st</sup> SEIAA meeting dated 05.07.2018
10.	2769/2015	1(a)	437 <sup>th</sup> SEIAA meeting dated 30.05.2017
11.	5606/2017	1(a)	486 <sup>th</sup> SEIAA meeting dated 28.05.2018
12.	2770/2015	1(a)	EC Transfer to Panchayat

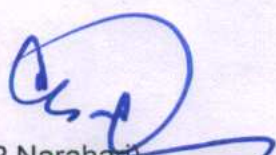
1. **Case No.5685 /2018** - Prior Environmental Clearance for Sand Mine (Open cast manual method) in an area of 12.00 Ha.( out of 12.00 ha area only 6.74 ha is available for sand mining) for production capacity of 1,51,650 cum/year at Khasra no. 1463 at Village – Mohana No.1 , Tehsil - Ajaygarh, District Panna (MP) by Sarpanch/Sachiv, Gram Panchayat Mohana, Tehsil - Ajaygarh, District Panna MP – 488220.

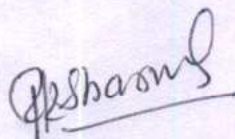
This case was recommended in 315<sup>th</sup> SEAC dtd. 18.06.2018 and it was recorded that.....

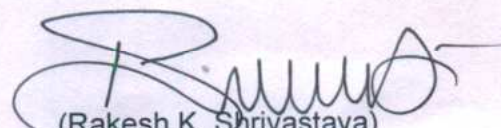
----- PP has submitted the reply of above query vide letter dated 18/06/2018 which was placed before the committee and same was found to be acceptable to the committee. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

After detailed discussions and perusal of recommendations of 315<sup>th</sup> SEAC dated 18.06.2018, presentation made by the PP in SEIAA, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:-

- The production capacity shall be limited to the quantity approved by SEAC.
- No in-stream mining shall be allowed.
- The depth of the pit is 2.5 m shall be as per Approved Mining Plan.

  
(P Narahari)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman



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- (iv). No in-stream mining shall be allowed. No ramp will be allowed within the river basin to transport sand to the other bank. Transportation will be allowed on the bank side where the mineral is being excavated.
- (v). The entire lease area should be properly fenced and boundary stones marked at the site.
- (vi). PP should ensure implementation of need based CSR activities for the local peoples.
- (vii). Transportation from the dense populated area will be avoided as committed by PP.
- (viii). 1100 Saplings will be planted on river bank area to prevent bank erosion, & Plantation shall be raised both side of the approach road with tree guard & also in the village area first three years. Plantation of peepal, neem, drumstick plants on priority shall be ensured by PP
- (ix). Water sprinkling will be done on the approach road on the regular basis.

**Hence, Prior Environmental Clearance is granted for Sand Mine (Open cast manual method) in an area of 12.00 Ha. (out of 12.00 ha area, only 6.74 ha is available for sand mining) for production capacity of 1,51,650 cum/year at Khasra no. 1463 at Village – Mohana No.1 , Tehsil - Ajaygarh, District Panna (MP) for the lease period to Sarpanch/Sachiv, Gram Panchayat Mohana, Tehsil - Ajaygarh, District - Panna MP – 488220.**

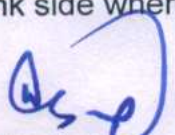
2. **Case No.5699 /2018 - Prior Environmental Clearance for Sand Mine (Open cast manual method) in an area of 6.00 Ha. for production capacity of 59,220 cum/year at Khasra no. 01 at Village – Beera , Tehsil - Ajaygarh, District Panna (MP) by Sarpanch/Sachiv, Gram Panchayat Beera, Tehsil - Ajaygarh, District Panna MP – 458586**

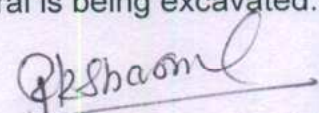
This case was recommended in 315<sup>th</sup> SEAC dtd. 18.06.2018 and it was recorded that.....

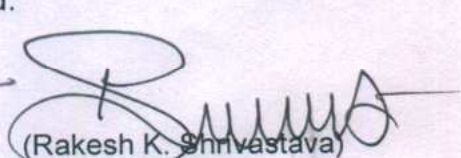
----- PP has submitted the reply of above query vide letter dated 18/06/2018 which was placed before the committee and same was found to be acceptable to the committee. The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

**After detailed discussions and perusal of recommendations of 315<sup>th</sup> SEAC dated 18.06.2018, presentation made by the PP in SEIAA, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:-**

- (i). The production capacity shall be limited to the quantity approved by SEAC.
- (ii). No in-stream mining shall be allowed.
- (iii). The depth of the pit is 2.5 m shall be as per Approved Mining Plan.
- (iv). No in-stream mining shall be allowed. No ramp will be allowed within the river basin to transport sand to the other bank. Transportation will be allowed on the bank side where the mineral is being excavated.

  
(P Narahari)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman



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- (v). The entire lease area should be properly fenced and boundary stones marked at the site.
- (vi). PP should ensure implementation of need based CSR activities for the local peoples.
- (vii). Transportation from the dense populated area will be avoided as committed by PP.
- (viii). 500 Sapling will be planted on river bank area to prevent bank erosion, & Plantation shall be raised both side of the approach road with tree guard & also in the village area first three years. Plantation of peepal, neem, drumstic plants on priority shall be ensured by PP
- (ix). Water sprinkling will be done on the approach road on the regular basis.

Hence, Prior Environmental Clearance is granted for Sand Mine (Open cast manual method) in an area of 6.00 Ha. for production capacity of 59,220 cum/year at Khasra no. 01 at Village – Beera, Tehsil - Ajaygarh, District Panna (MP) for the lease period to Sarpanch/Sachiv, Gram Panchayat Beera, Tehsil - Ajaygarh, District Panna MP – 458586.

3. **Case No. – 5694/2018** Sarpanch/Sachiv, Gram Panchayat Bhavan, Village - Gotara, Tehsil - Kusmi, Dist. Sidhi, MP – 486675 Prior Environment Clearance for Sand deposit in an area of 12.00 Ha. (1,70,910 cum per annum) (Khasra no. 1936) at Village- Gotara, Tehsil - Kusmi, Dist. Sidhi (MP)

Case differed for next SEIAA meeting and PP may be invited for clarification.

4. **Case No. – 5705/2018** Sarpanch/Sachiv, Gram Panchayat Bharuhi, Tehsil - Bahri, Dist. Sidhi, MP Prior Environment Clearance for Sand mine in an area of 9.70 Ha. (1,74,600 cum per annum) (Khasra no. 199) at Village- Barpan, Tehsil - Bahri, Dist. Sidhi (MP)

Case differed for next SEIAA meeting and PP may be invited for clarification.

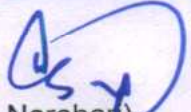
5. **Case No. – 5686/2018** Prior Environment Clearance for **Sand Quarry** (manual method) in an area of 6.823 Ha. for production capacity of 2500 cum per annum at Khasra no. 853 at Village-Pairibahara, Tehsil - Jaitpur, Dist. Shahdol (MP) by M/s Century Construction Engineers, Construction and Builders, 144, Mayur Nagar, Thatipur, Gwalior, MP

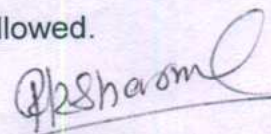
This case was discussed in 491<sup>st</sup> SEIAA meeting dtd. 05.07.2018 and it was recorded that.....

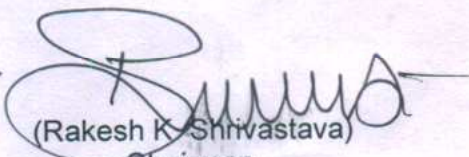
*"This case was recommended in 318<sup>th</sup> SEAC meeting dated 21.06.18, PP may be invited for presentation."*

After detailed discussions and perusal of recommendations of 318<sup>th</sup> SEAC dated 05.07.2018, presentation made by the PP in SEIAA, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:-

- (i). The production capacity shall be limited to the quantity approved by SEAC.
- (ii). No in-stream mining shall be allowed.

  
(P Narahari)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman



- (iii). The depth of the pit as per Approved Mining Plan.
- (iv). No in-stream mining shall be allowed. No ramp will be allowed within the river basin to transport sand to the other bank. Transportation will be allowed on the bank side where the mineral is being excavated.
- (v). The entire lease area should be properly fenced and boundary stones marked at the site.
- (vi). PP should ensure implementation of need based CSR activities for the local peoples.
- (vii). Transportation from the dense populated area will be avoided as committed by PP.
- (viii). Plantation shall be raised both side of the approach road with tree guard. Plantation of peepal, neem, drumstic plants on priority shall be ensured by PP
- (ix). Water sprinkling will be done on the approach road on the regular basis.
- (x). PP has committed that utilization of the sand shall be used only for the purpose (construction of school building) mentioned in temporary permit issued by Collector Office (Mining Division) Shahdol.

Hence, Prior Environmental Clearance is granted for Sand Quarry (manual method) in an area of 6.823 Ha. for production capacity of 2500 cum per annum at Khasra no. 853 at Village-Pairibahara, Tehsil - Jaitpur, Dist. Shahdol (MP) for the lease period to M/s Century Construction Engineers, Construction and Builders, 144, Mayur Nagar, Thatipur, Gwalior, MP

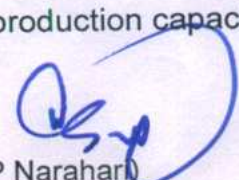
6. **Case No.5677/2018** - Prior Environmental Clearance for Sand Mine (Open cast manual method) in an area of 7.00 Ha. (out of 7.00 ha only 2.00 hectares of lease is available for the sand evacuation) for production capacity of ~~50,000~~ 50,000 cum/year at Khasra no. 01 at Village - Ramnai, Tehsil - Ajaygarh, District Panna (MP) by Sarpanch/Sachiv, Gram Panchayat Ramnai, Tehsil - Ajaygarh, District Panna MP - 488220.

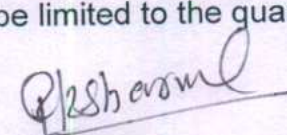
This case was recommended in 318<sup>th</sup> SEAC dtd. 21.06.2018 and it was recorded that.....

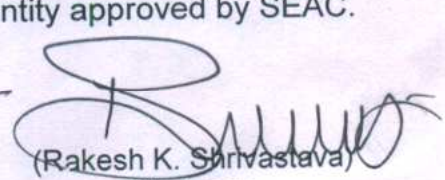
..... This case was placed before the committee as PP vide letter no. Q/P-14/2018 dated 30/05/2018 has submitted the revised Mining officer's letter no. 1424 dated 30/05/2018. According to revised M.O letter out of 7.00 ha only 2.00 hectares of lease is available for the sand evacuation, rest 5.00 hectares is submerged in water. After discussion and perusal of the Mining officer's letter committee recommends evacuation of sand only from the dry part of lease leaving submerged part as non mining area. Since depth in sanctioned mine plan is 2.5 mts and 2 ha ML area is available for mining thus 50,000 cum/year sand can be evacuated. The EMS 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 'B':

After detailed discussions and perusal of recommendations of 318<sup>th</sup> SEAC dated 21.06.2018, presentation made by the PP in SEIAA, it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:-

- (i). The production capacity shall be limited to the quantity approved by SEAC.

  
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- (ii). No in-stream mining shall be allowed.
- (iii). The depth of the pit is 2.5 m shall be as per Approved Mining Plan.
- (iv). No in-stream mining shall be allowed. No ramp will be allowed within the river basin to transport sand to the other bank. Transportation will be allowed on the bank side where the mineral is being excavated.
- (v). The entire lease area should be properly fenced and boundary stones marked at the site.
- (vi). PP should ensure implementation of need based CSR activities for the local peoples.
- (vii). Transportation from the dense populated area will be avoided as committed by PP.
- (viii). 500 Saplings will be planted on river bank area to prevent bank erosion, & Plantation shall be raised both side of the approach road with tree guard & also in the village area first three years. Plantation of peepal, neem, drumstick plants on priority shall be ensured by PP
- (ix). Water sprinkling will be done on the approach road on the regular basis.

Hence, Prior Environmental Clearance is granted for Sand Mine (Open cast manual method) in an area of 7.00 Ha. (out of 7.00 ha only 2.00 hectares of lease is available for the sand evacuation) for production capacity of 50000 cum/year at Khasra no. 01 at Village – Ramnai, Tehsil - Ajaygarh, District Panna (MP) for the lease period to Sarpanch/Sachiv, Gram Panchayat Ramnai, Tehsil - Ajaygarh, District Panna MP – 488220

7. **Case No. 5485/2016:** Prior Environmental Clearance for proposed "Katni Integrated Township Project" at Khasra No. 691, 692, 699, 700, 703, 704, 705/1, 722/1K, 722/1KH & 723 Village- Jhijhri, National Highway Road, Tehsil & Distt. Katni MP Total land area- 8,56,000 sq.m., by Chief Executive Officer Katni Development Authority, National Highway Road 07, Dugadi Nala Katni MP- 483504 E-mail- kda.katni@gmail.com Ph.07622- 220288 Env't. Consultant: Eko Pro Engineers Pvt. Ltd., Ghaziabad

- i. The proposed project is for development of integrated township which will comprise of development of residential plots (3,38,746.24 sq. m.), group housing area (11,526.24 Sq. m.), commercial areas (39,342.94 Sq. mt.) and amenities like bank (2561.39 Sq. m.), police chowki (1153.93 sq. mt.), health centre (3,580.50 sq. m.), hospital (13,626.07 sq. m.), community hall and library (5,173.33 sq. m.), nursery, primary & high schools (16651.7 sq. m).
- ii. As per the Joint Director T & CP, Katni (vide letter no.259 dtd 23.05.15) total land area is 8,56,000 sq.m., at Village Jhijhri, Tehsil & Distt. Katni (MP). The project comes under 8 (b) category (B) of schedule of EIA Notification, 2006 because total land area is more than 50 ha.
- iii. The case was discussed in SEAC meetings 286<sup>th</sup> dated 28.01.17 and recommended the ToR and decided to site visit to see the site conditions specially the proximity of river, site drainage etc, after which additional ToR may be issues, if necessary. The same was approved by SEIAA in 410<sup>th</sup> meeting dtd 17.02.17 accordingly a ToR letter issued to PP vide letter dtd.

(P Narahari)  
Member Secretary

(R.K. Sharma)  
Member

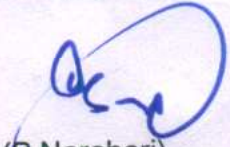
(Rakesh K. Sarinastava)  
Chairman

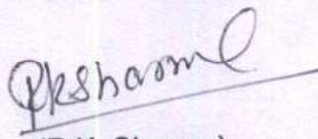



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09.03.17. As per decision the site visit carried out on 24.04.17 and the site visit observation was discussed in 289<sup>th</sup> SEAC meeting dtd. 28.04.17 and the important observations of the committee are as follows:-

- a. *It was found at the time of site visit, there was no evidence of construction, hence there is no violation.*
  - b. *The project site has red lateritic soil. Only a few shrubs were present at the site. There were no major tree species. However, in view of proximity to the city forest, the PP / Consultant were suggested to plan a green buffer between the project site and forest.*
  - c. *The part of the site drains towards west side and another part drains towards north side. The committee suggested maintaining natural drainage and having one STP on each drainage sides to avoid pumping.*
  - d. *It was observed that a Kachha road of PWD passes through the project site wherein as per the approved map there is no such road, for which PP submitted that during the development of the project site this road will be constructed as per the approved map. The PP / Consultant were asked to address this issue in EIA study with requisite documentary support.*
- iv. EIA report submitted by PP on 18.01.18 and accordingly the case was discussed in 308<sup>th</sup> SEAC meeting dtd. 24.02.2018, 314<sup>th</sup> SEAC meeting dtd. 24.02.2018 and is recommended for grant of prior EC subject to 28 special conditions.
- v. After recommendation, the case was discussed in 483<sup>rd</sup> SEIAA meeting and decide to call PP for presentation.
- vi. After deliberation the case was discussed in depth and it is noted that :-
- i. Regarding land documents PP has submitted a notification issued by Housing and Environment deptt. Madhya Pradesh dtd. 08.11.12. and Collector, Katni order dtd. 08.09.11. AS per the order the project land is allocated to Katani development authority to develop residential purpose.
  - ii. The total water requirement of the project is 5457 KLD. The fresh water will be required 3507 KLD and recycled water 1905 KLD. The source of water supply is municipal supply for which PP has submitted letter (dtd. 09.02.2018) from Katni Municipal Corporation.
  - iii. The waste water generation is 3910 KLD and PP has proposed sewage treatment plants of 4500 KLD cumulative capacity. There will be 4 nos. Of STP 1200 KLD(02 nos.), 1100KLD & 1000 KLD. The available treated water is 3714 KLD, out of which 1950KLD shall be reused & recycled and remaining 1105 KLD proposed to discharge in municipal sewer line. **PP has submitted NOC (dtd 27.01.2018) of Municipal Corporation, Katni for linking extra treated waste water in the sewer line.** The dual plumbing system is being proposed for flushing. All treated water will be utilized for flushing, horticulture and site maintenance etc.
  - iv. The Municipal Solid waste 5174 KG per day shall be generated from proposed site. The generated biodegradable and non biodegradable waste will be segregated at source within the campus. Recyclable waste is proposed to be sold to vendors for recycling. All non recyclable waste including sludge from STP will be disposed off at trenching ground of

  
(P Narahari)  
Member Secretary

  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman



Municipal Corporation, Katni. PP has submitted letter dtd. 27.01.2018 issued from Katni Municipal Corporation for disposal of solid waste.

- v. PP has submitted roof top rain water harvesting system for ground water recharging and has proposed 50 nos of recharging pits. PP has not submitted storm management plan and location of the proposed recharging pits.
- vi. The total power requirement is 36.5 KW. The source of electricity is Madhya Pradesh Kshetra Vidyut Vitran Company Limited. PP has not proposed power backup source and energy conservation plan.
- vii. PP has not submitted fire fighting plan, car parking plan, EMP cost etc.
- viii. PP has proposed an area of 84,471 sq.m (10%) to be developed as green area by planting 10750 no. of trees.

After discussion PP was asked to submit following information:-

- a. Consent of Municipal Corporation, Katni / undertaking of Katni Development Authority regarding operation and maintenance of the all assets to be created under the project and compliance of the environmental conditions to be imposed by SEIAA after completion of the project as this project will be handover to Municipal Corporation, Katni after completion as proposed by PP.
- b. Storm water management plan with location of RWH and drainage of water around the project site to the outside of the project area.
- c. Fire fighting plan with no of equipments to be installed to the site for provision of fire fighting. Distance of the nearest fire station from the project site.
- d. Energy conservation plan.
- e. Details of proposed parking on the site.
- f. Environment management plan with cost.
- g. Details of green development plan excluding open area and garden area with number of trees and name of species.

8. **Case No.5567/2017:** Prior Environment Clearance for Chhipaner Micro Lift Irrigation Project in Village Choursakhedi, Chhipaner, Kheri, Bijalgaon, Dait, Kundgaon, Tehsil Nasrullaganj, Dist. Sehore, MP Supply source: Lifting point from Right Bank of Narmada river in Sehore and Dewas district Lifting point: various location on the right bank of Narmada River Cultivable Command Area – 35000 ha, Gross Command Area – 42000 ha by Executive Engineer, Office of the Executive Engineer, Narmada Development Division No. 23, 59, Arera Hills, Narmada Bhawan, Bhopal, MP- 462011 E-mail: eenvda23@mp.gov.in Mob no. – 9425495661 Env't. Consultant :- R.S. Envirolink Technologies Pvt. Ltd.

1. The Project is proposed to irrigate by pressurized Micro Irrigation System 13000 ha. land of 26 Villages of Tehsil - Nasrullahganj, District-Sehore and 22000 ha. land of 50 Villages of Tehsil - Khategaon, District-Dewas (Total 35000 ha.) by lifting water of 12.60 Cumecs from Right Bank of Narmada River at different locations.
2. The Project envisages pumping of water by constructing six pumping station at six different locations, on the Right Bank of Narmada River, in between Village-Choursakhedi, Tehsil-Nasrullahganj, District-Sehore & Village-

(P Narahari)  
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- Nemawar, Tehsil-Khategaon, District-Dewas, using different length and different dia. as per discharge of M.S. Rising Main for irrigation through underground pipe line system to cultivators upto 2.5 ha. Chack. Farmer will irrigate their field-using sprinkler or drip irrigation (i.e. Micro Irrigation System).
3. This is lift Irrigation project with Net CCA of 35000 ha. The water shall be lifted from the existing source and transported to the command area through Pipes using pressurized micro irrigation system therefore, no submergence is proposed in the project. Hence by virtue of the nature of the project and as per MoEF notification SO 3067 (E) dated 01/12/2009, it falls under category-B and pertains to Item No. 1(c) of the EIA Notification & its amendments.
  4. There is no interstate boundary (EE, PWD, Katni letter dtd 09.05.17) or wildlife sanctuary, National park, etc. within 10 km of the project area (DFO letter dtd. 27.04.17). Hence general conditions are not attracted.
  5. The case was discussed in SEAC meetings 292<sup>nd</sup> meeting dtd. 16.06.17 recommended ToR and 318<sup>th</sup> meeting dtd. 21.06.18 and recommended EC with 41 specific conditions.
  6. The ToR was approved in 448<sup>th</sup> SEIAA meeting dtd. 21.06.17 and the case was discussed in 491<sup>st</sup> meeting and decided to PP may invited for presentation
  7. Public Hearing was conducted on 13rd April 2018 at Village – Chhipaner, Tehsil- Nasrullaganj, District- Sehore under the Chaimenship of Additional District Magistrate, Sehore District. Some quarries were raised during public hearing which were readdressed by PP. Public hearing in Dewas district was also conducted on 19th April 2018 at community Centre near Temple, village Bijalgaon, Tehsil Khategaon, District Dewas
  8. After deliberations by PP the case was discussed in depth & it is noted that:-
    - i. The main objective is to provide irrigation water to the water-scarce areas in Nasrullaganj tehsil of Sehore district and Khategaon tehsil of Dewas district.
    - ii. The project is planned to cater irrigation water to about 35,043 ha of CCA in 69 villages, 39 in Dewas and 30 in Sehore district and will reduce extraction of ground water for irrigation.
    - iii. The scheme comprises of 5 lifting locations, 3 in Dewas district and 2 in Sehore district.
    - iv. 69 villages of Sehore and Dewas districts will be benefitted – Tehsil wise, Nasrullaganj tehsil of Sehore district (30), Khategaon tehsil of Dewas district (39)
    - v. Project is designed for a discharge of 12.615 cumec with total annual utilization of 130.64 MCM, Rising Mains : Length 103.32 Km Distribution Network up to 2.5 ha chak in 35,043 ha.
    - vi. The scheme is so planned to avoid any forest land diversion for the purpose. Hence, there is no forest land requirement for permanent use.

Project would require 8.04 ha of government land permanently for pump houses, sub-stations, and valve chambers and staff quarters.

The pipe shall be laid 1.00 m below average ground level and land will be restored immediately on completion of the work, therefore, no land for laying of pipes shall be acquired permanently. Wherever, the pipeline will be pass through private land, temporary land acquisition will be done as per

(P Narahari)  
Member Secretary

(R.K. Sharma)  
Member


(Rakesh K. Shrivastava)  
Chairman

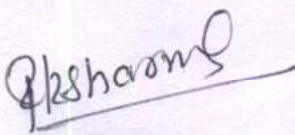


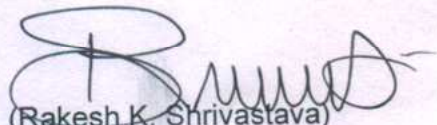
## Minutes of the 492<sup>nd</sup> Meeting of SEIAA dated. 07.07.2018

the applicable law. Total temporary land requirement is worked out as 105 ha.

- vii. In micro lift irrigation schemes, air pollution occurs mainly during project construction phase. The major sources of air pollution during construction phase are: Pollution due to fuel combustion in various equipments, Emission from various construction plants, Fugitive emissions from material handling and transportation. PP has proposed following mitigation measures for air emissions:
- For all major construction activities, curtaining of the site will be done to protect the surrounding areas from dust emissions.
  - In addition, regular sprinkling of the water will be done on construction sites for dust suppression.
  - Mobile DG sets shall be used for lighting only during construction phase and they should meet emission and noise standards as per guidelines/standards issued by CPCB.
  - The entire contractor's vehicle should have valid PUC certificate and same condition may be enforced on transporters bringing in material for construction.
  - Road damage caused by sub-project activities will be promptly attended to with proper road repair and maintenance work.
  - Excessive soil on paved areas will be sprayed (wet) and/or swept and unpaved areas will be sprayed and/or mulched.
  - All the construction workers and other staff, who get directly exposed to dust, should necessarily be provided with dust masks.
- viii. To minimize the impact of high noise PP has proposed following mitigation measures:
- All the construction equipment will be required to use available noise suppression devices and properly maintained mufflers.
  - Workers in high noise area, will be provided with ear muffs and their use will be monitored. Workers exposure (time duration) to high noise will also be controlled.
  - Minimize the use of noise producing equipment during night hours to avoid the disturbance to locals and wild animals of surrounding area.
  - Monitoring of noise levels will be conducted during construction phase of the project. In case of exceeding of pre-determined acceptable noise levels by the machinery; will require the contractor(s) to stop work and remedy the situation prior to continuing construction.
  - Vehicles to be equipped with mufflers recommended by the vehicle manufacturer.
  - For Impacts on water bodies PP has proposed following mitigation measures :

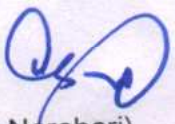
  
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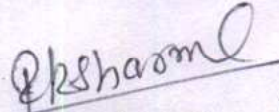
  
(R.K. Sharma)  
Member

  
(Rakesh K. Shrivastava)  
Chairman



- g. Pipeline route have been planned in a manner to avoid crossing of major water bodies.
- h. Excess suspended solids in the wastewater will be removed before these are disposed into water body or over land.
- i. Only small quantity of water would be used in the construction activities as work mainly pertains to the laying of pipeline.
- j. Positive Impacts on ground water due to reduced abstraction of the ground water for irrigation.
- k. Impacts on water logging and soil salinity are generally envisaged in flow irrigation schemes, however, no such impacts are envisaged due to micro irrigation.
- ix. Muck will be generated due to laying of underground pipeline which will be managed as follows:
  - a. Total quantity of muck for disposal is calculated as 4.0 lakh cum.; which will be spread linearly for a distance of 789 Km.
  - b. During excavation care will be taken that top fertile soil is kept aside and will not be used for filling the excavated area after laying pipe line. This top soil will be spread on adjoining farming fields with consent of farmers.
  - c. The excavated material will be utilized for refilling of the trenches and the approach road proposed to be constructed for carrying the pipes at site and preparation of platform for crane.
  - d. Top fertile soil will be spread on adjoining farming fields with consent of farmers or alternatively will be used for green belt development. The other soil will be spread on low lying farmers field with their consent.
  - e. The balance muck, if any, shall be laid in the community undulating area of the connected villages with the consent of concerning Gram-panchayat or Janpad Panchayat and spread over Government waste land which is available in plenty in the command area.
- x. For Management of Pipeline Leakage and Bursting PP has proposed the following:-
  - a. The entire system is managed by SCADA (Supervisory Control and data Acquisition)
  - b. To prevent back pressure in case of electricity failure, depending upon surge analysis, single or combination of protection devices like One Way Surge Tank, Air Cushion Valves and Standing Pipes shall be used.
  - c. If any leakage/theft/bursting occurs; valves will automatically close
  - d. In the worst case scenario, only residual water present in the reach would drain off from the pipeline.

  
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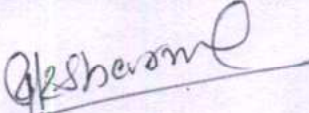
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- e. Impact will be local flooding in few hectares only; which is also likely to be drained off quickly as most of the pipeline is aligned at the watershed boundary.
- f. A provisions of two nos of chassis mounted dewatering pumps of adequate capacity has been made for the purpose of clearing the water logged areas during emergency.
- g. A budgetary provision of Rs. 20 lakh and recurring cost of Rs 10 lakh for five years have been made for the same.
- xi. For afforestation in Command area, PP has proposed that plantation in 150 hectare in several patches in non forest waste land will be done subject to availability of suitable land. The species to be planted will be chosen in consultation with local villagers and will be site specific. These plantations will be maintained for five years & will be handed over to Panchayat for management. The plantations may be done by forest wing of NVDA, forest department or local Panchyat. A provision of Rs. 675 lakh has been made for the same.
- xii. PP has proposed following Preventive Measures for silting in Pipeline:
  - a. Rising Main and Gravity Distributaries comprise of the mild steel and Distribution Network (Disnet) up to 2.5 ha chak is of High Density Polyethylene (HDPE).
  - b. The pipeline of entire distribution system will have a velocity ranging from 0.6 m/s to 2.1 m/s which will not allow the sediment/silt to settle (Ref: Manual of Water Supply and treatment, CPHEEO)
  - c. In addition, scour valves will be provided at suitable locations i.e. lower level of the pipeline to flush the sediment/silt with water to the nearest nalla/stream.
- xiii. Anti Corrosion measures. (epoxy paint internally and guniting at outside is proposed where the pipeline is underground. Pipeline exposed to the atmosphere will be painted by epoxy paint both inside and outside to prevent the corrosion)

In view of above, it is decided to accept the recommendations of 318<sup>th</sup> SEAC meeting dtd. 21.06.18 with 41 special conditions and accord prior Environmental Clearance to "Chhipaner Micro Lift Irrination Project in Village Choursakhedi, Chhipaner, Kheri, Bijalgaon, Dait, Kundgaon, Tehsil Nasrullaganj, Dist. Sehore, MP Supply source: Lifting point from Right Bank of Narmada river in Sehore and Dewas district Lifting point: various location on the right bank of Narmada River Cultivable Command Area – 35000 ha, Gross Command Area – 42000 ha by Executive Engineer, Office of the Executive Engineer, Narmada Development Division No. 23, 59, Arera Hills, Narmada Bhawan, Bhopal, MP- 462011 subject to following specific conditions:-

- (i). The inputs given by the participants during Public hearing should be properly redressed. All the promises and assurances made during the public hearing

  
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Member Secretary

  
(R.K. Sharma)  
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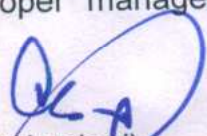
  
(Rakesh K. Shrivastava)  
Chairman

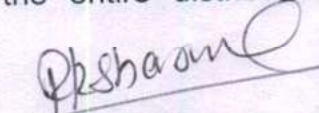


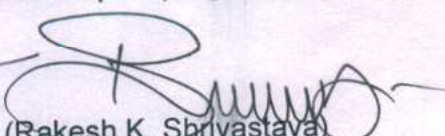
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shall be fulfilled completely by the Narmada Valley Development Authority, GoMP.

- (ii). PP shall plan the CSR activities as per local villagers needs and should consult District administration for implementation of the CSR activities and submit the same to MPSEIAA.
- (iii). A grievances redressal mechanism is to be devised by NVDA GoMP and put in place so that aggrieved stakeholders may approach the Authority easily for resolution of any dispute/conflict.
- (iv). An Environmental Cell should be setup to monitor the implementation of Environmental Management Plan and submission of six monthly compliance reports. The committee should ensure that the allocated grant for various purposes included in EMP should be utilized for that purpose fully and should not be diverted for any other purpose.
- (v). Proposed Voluntary Afforestation programme me should be taken-up in consultation with State Forest Department. The allocated grant for this purpose should be fully utilized and not to be diverted for any other purpose. For afforestation programme me, proper selection of species including trees with canopy, fruit bearing trees and grasses should be planted as proposed in EMP. Preference should be given to native species. Irrigation facilities should be ensured and proper care should be taken to raise the plantation. The six monthly compliance report should include plantation with number, species and survival rate etc.
- (vi). Occurrence of stagnant pools during construction and operation of the project may provide breeding source for vector mosquitoes and other parasites. Even after taking precaution, due to unforeseen situations, breeding of mosquito and resultant malaria or mosquito borne diseases can increase. If such a situation arises, it will be the responsibility of project authorities to take all steps i.e. insecticidal spray in all the project area and surrounding 3 km area keeping the flight range of mosquitoes in consideration. Also medical assistance should be provided to the affected people at the cost of the developer and appropriate health benefits may be initiated with the help of State Health Department.
- (vii). Regular monitoring of water quality (Surface and Ground) including heavy metals shall be undertaken in the project area and in the adjoining project area to ascertain the change, if any, in the water quality due to leaching of contaminants, from the increased use of chemical fertilizers and pesticides.
- (viii). In the process of excavation for laying large quantities of muck will get accumulated in the entire length of rising, gravity and distribution mains. Appropriate measures for muck management / disposal should be ensured. The excavated materials should be properly used in the construction of patrolling road and could be distributed to the cultivators on their consent.
- (ix). PP must ensure to use solar energy where ever possible.
- (x). To reduce the noise pollution at intake point, special canopy (covering) be devised over the pumps & DG set.
- (xi). A special control room should be set up at an appropriate location for disaster management, water leakage detection, periodical ecological monitoring and for proper management of the entire distribution and pumping systems.

  
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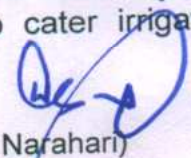
Chassis mounted dewatering pumps should be kept ready to deal with any localized drainage congestion.

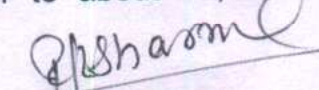
- (xii). It shall be binding on the part of Project Proponent to ensure the compliance of directions / orders / any other directions issued by Hon'ble High Court / NGT/ any other Court from time to time.

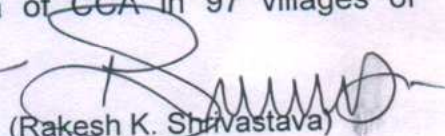
9. **Case No.5561/2017:** Prior Environment Clearance for Prior Environment Clearance for Dhimerkheda Micro Lift Irrigation Scheme at Dist. Katni, MP, Supply Source: From Right Bank Canal of BDP in Katni District Cultivable Command Area – 15,012 ha, Gross Command Area – 37879 ha by Executive Engineer, Narmada Development Division No. 4, Sihora, Dist.Katni-483225, MP E-mail: mahendradhimole@gmail.com mob no. – 9926470916

1. The proposed project is a micro lift irrigation scheme consisting of lifting water from an existing Bargi RBC Canal through a pressurised piped system including pumps, Rising Main and Pipe Distribution networks for 15000 hectare of area to irrigate during Rabi season. A piped system will be laid upto 2.5 ha chunk.
2. The entire scheme is divided into 4 sub-schemes viz., Kothi, Khamtara, Jhirri and Sailarpur.
3. This proposed project is located on Right Bank Canal (RBC) of Bargi Diversion Project (BDP) in Dhimkheda Tehsil of Katni district near Umariya Pan.
4. This is lift Irrigation project with Net CCA of 15,012 ha. The water shall be lifted from the existing source and transported to the command area through Pipes using pressurized micro irrigation system therefore, no submergence is proposed in the project. Hence by virtue of the nature of the project and as per MoEF notification SO 3067 (E) dated 01/12/2009, it falls under category-B and pertains to Item No. 1(c) of the EIA Notification & its amendments.
5. There is no interstate boundary (EE, PWD, Katni letter dtd 17.04.17) or wildlife sanctuary, National park, etc. within 10 km of the project area (DFO letter dtd. 03.05.17). Hence general conditions are not attracted.
6. Public Hearing was conducted on 04<sup>th</sup> April 2018 at Janpad Panchayat Complex, Dhimarkheda, District Katni under the Chairmanship of Additional District Magistrate, Katni District. Some quarries were raised during public hearings which were readdressed by PP.
7. The case was discussed in SEAC meetings 291<sup>st</sup> meeting dtd. 30.05.17 recommended ToR and 317<sup>th</sup> meeting dtd. 20.06.18 and recommended EC with 40 specific conditions.
8. The ToR was approved in 446<sup>th</sup> SEIAA meeting dtd. 19.06.17 and the case was discussed in 491<sup>st</sup> meeting and decided to PP may invited for presentation.
9. After deliberations by PP the case was discussed in depth & it is noted that:-

- i. The main objective is to provide irrigation facilities to the water-scarce areas to cater irrigation water to about 15,012 ha of CCA in 97 villages of

  
(P. Narahari)  
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Chairman



Dhimarkheda tehsil of Katni, to reduce extraction of ground water for irrigation.

- ii. The project is designed for a discharge of 5.34 cumec with total annual utilization of 56.18 M.97 villages of Katni district will be benefitted –sub-scheme wise, Kothi (25), Khamtara (30), Jhirri (19) and Sailarpur(23).
- iii. Project would require 4.72 ha of Govt. land permanently for pump houses, sub-stations, and valve chambers and staff quarters.

Total transmission lines length required for the four sub-schemes together is 24.6 km. Since 33 KV lines are considered for this project, 352 poles will be erected along the road and canal embankment.

The pipe shall be laid 1.0 m below average ground level and land will be restored immediately on completion of the work, therefore no land for laying of pipes shall be acquired permanently. Total temporary land requirement is worked out as 112.90 ha.

During the presentation PP has submitted that 0.93 ha of forest land involved in the project area for diversion of which PP has applied to MoEF & CC vide reference FP/MP/IRRG/31837/2018 the forest clearance is still awaited. PP should obtain forest clearance from MoEF & CC and submit the same in SEIAA.

10. **Case No. 2769/2015** Prior Environment Clearance for Limestone & Laterite Mine in an area of 17.408 ha. (expansion in production capacity from 20,000 MTA to 4,18,635 TPA) at Village-Aber, Tehsil-Rampur Baghelan, District-Satna by Smt. Ratna Singh W/o Shri Sudhir Singh, Krishna Nagar, District-Satna (MP)

The case was discussed in 437<sup>th</sup> SEIAA meeting dtd. 30.05.2017 and it was recorded that .....

*".....As per the above observation, 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. Copy to PP and all concerned.."*

Since PP has submitted point wise required information dated 18.06.2018. Hence, it has been decided to relist the case and send the file to SEAC for appraisal. Copy to PP and all concerned.

11. **Case. No. 5606/2017** Prior Environment Clearance for Stone Quarry in an area of 8.0 Ha.. (98800 cum per annum) (Khasra no. 574) at Village- Kundla, Tehsil - Nagda, Dist. Ujjain by Mr. Ashvin Maru S/o Shri Satish Maru, Chota Bazar, Ward 13 Unhel, Tehsil - Nagda, Dist. Ujjain, MP

The case was discussed in 486<sup>th</sup> SEIAA meeting dtd. 28.05.2018 and it was recorded that .....

*".....After detailed discussion it was decided that PP shall submit the following information: -*

- I. Consent of Gram Panchayat / water supplier of nearby village for providing of water for mining activities.
- II. Copy of Pachmnama of mining lease area during site inspection/ demarcation by the revenue authority.
- III. Certificate of Revenue Authority mentioning that there is no any type of encroachment within the mining site.

(P Narahari)  
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(R.K. Sharma)  
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(Rakesh K. Shrivastava)  
Chairman



- IV. Revised plantation programme including plantation of local species specially Neem, Bargad, Peepal, Munga etc.
- V. CSR activities in consultation with Gram Panchayat."

PP has submitted point wise information dated 08.06.2018. After detail discussion it is decided to call PP for clarification regarding the above points with supporting documents. Copy to Collector Ujjain.

12. **Case No. 2770/2015** Prior Environmental Clearance for Bhatera River Sand Quarry (Open cast manual method) in an area of 7.00 ha. for production capacity of 1,00,000 cum/year at Village-Bhatera, Tehsil-Balaghat, District- Balaghat (MP) by Shri Laxman Singh Rajput S/o Shri Chotu Singh Rajput, Rudra Colony, Hoshangabad (MP)-481001. **Regarding transfer of EC in the name of Sarpanch, Gram Panchayat, Bhatera, Balaghat.**

The prior EC was issued to Shri Laxman Singh Rajput S/o Shri Chotu Singh Rajput, Rudra Colony, Hoshangabad (MP)-481001 vide Letter No. 3278 dtd. 08.07.2015 for an area of 7.00 ha. at Village- Bhatera, Tehsil-Balaghat, District- Balaghat (M.P.).

As per New Sand Mine Policy 2017, Mineral Resources Department, Govt. of M.P. has allotted/transferred non-operational sand mines to gram panchayat/ local body vide letter No. F-19-26/2017/12/1 dated 23.11.2017 and modification letter No. F-19-26/2017/12/1 dated 09.02.18. PP (Gram Panchayat, Bhatera, Balaghat) has requested Collector, Balaghat to make amendment in the Prior EC letter by changing the name of PP of the mining project in the name of Gram Panchayat, Bhatera, Balaghat. The above application has been forwarded by Mining Division of Collector Office, Balaghat to SEIAA for transfer of prior EC in the name of Gram Panchayat, Bhatera, Balaghat vide letter no. 834 dtd 20.06.2018.

PP (Gram Panchayat, Bhatera, Balaghat) has submitted the following documents in support of his request:

1. Application of Sarpanch, Gram Panchayat Bhatera, Balaghat for transfer of Prior EC in favour of the Gram Panchayat Bhatera, Balaghat.
2. No objection letter of previous Project Proponent (to whom prior EC was granted) for transfer of prior EC in the name of Gram Panchayat Bhatera, Balaghat.
3. Notarised affidavit of Sarpanch/Secretary, Gram Panchayat Bhatera, Balaghat mentioning that no legal action/ credible action has been initiated against the mine till date and commitment to comply all the standard and specific conditions stipulated in the prior EC issued.
4. Lease transfer order issued by Office of Collector (Mining Division) to Gram Panchayat, Bhatera, Balaghat vide letter No. 638 dtd 11.05.2018.
5. Copy of Prior EC issued by MPSEIAA vide letter No. 3278 dtd. 08. 07.2015.
6. NOC of Director of Geology & Mining, Govt. of M.P. for transfer of EC in the name of Gram Panchayat, Bhatera, Balaghat vide letter Q dated 06.07.2018

As per the notification issued by MoEF&CC on 14.09.2006, the policy on transferability of EC is as follows:-

11. Transferability of Environmental Clearance (EC):

(P Narahari)  
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Member

(Rakesh K. Shrivastava)  
Chairman

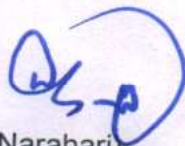


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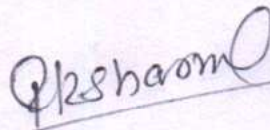
A prior environmental clearance granted for a specific project or activity to an applicant may be transferred during its validity to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor, to, and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. No reference to the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned is necessary in such cases

After detailed discussions on the MoEF&CC Notification regarding transferability and perusal of the above information, it has been decided to transfer the Prior EC issued on 08.07.2015 in favour of Sarpanch, Gram Panchayat, Bhatera, Balaghat in the place Shri Laxman Singh Rajput S/o Shri Chotu Singh Rajput, Rudra Colony, Hoshangabad (MP)-481001 on the same terms & conditions and validity period under which the prior environmental clearance was initially granted. Copy to PP and all concerned.

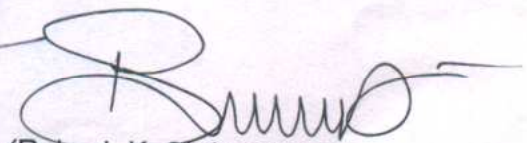
*Meeting ended with a vote of thanks to the Chair.*



(P Narahari)  
Member Secretary



(R.K. Sharma)  
Member



(Rakesh K. Shrivastava)  
Chairman