



NAGPUR MUNICIPAL CORPORATION

PENCH PROJECT CELL

Ground Floor North Wing, Mahanagarpalika Marg, Civil Lines,
Nagpur – 440 001 [M.S.] India

No NMC/PPC/EE(PPC) 32/2012

Dated 20-04-2012.

To,
All Intending Bidders.

Subject:- Providing Sewerage Effluent Treatment for reuse by Potential Customers in Nagpur A PPP /DBFOT project (Augmentation to existing 100 MLD STP at Bhandewadi to 200 MLD

Reference:- 1) This office letter No NMC/PPC/EE(PPC)/0345 dated 17-04-2012
2) M/s Infrastructure Leasing & Financial Services Limited L.No WD/10-026/NMC/010 dated 28-12-2011

Sir,

Please find enclosed herewith for further necessary action.

1. APPENDIX-IB (Modified) FINANCIAL BID FORM (Vol 1 (Request for Proposal Part) Page No 44)
2. Additional clarification/ comments to bidders query received vide letters referred to above at Sr. No 2.
3. Correction sheet to Clarification issued vide this office letter referred to above at Sr. No 1

Yours Truly


Executive Engineer,
Pench Project Cell,
Nagpur Municipal Corporation,
Nagpur

C.C. :

M/s DRA Consultants Pvt. Ltd. Nagpur for information.

APPENDIX-IB

FINANCIAL BID FORM

Fig in Rs Lacs

Year	Project Grant Rs. In Lacs.	Gross Annual Operational Support Grant (GAOSG) Rs. In Lacs	Total Grant	Present Value Factor @ 10%	Present Value
(1)	(2)	(3)	(4)= (2)+(3)	(5)	(6) = (4) x (5)
				10%	
1	NIL	NIL	NIL	0.9091	-
2	NIL	NIL	NIL	0.8264	-
3			-	0.7513	-
4			-	0.6830	-
5			-	0.6209	-
6			-	0.5645	-
7			-	0.5132	-
8			-	0.4665	-
9			-	0.4241	-
10			-	0.3855	-
11			-	0.3505	-
12			-	0.3186	-
13			-	0.2897	-
14			-	0.2633	-
15			-	0.2394	-
16			-	0.2176	-
Year	Project Grant Rs. In Lacs.	Gross Annual Operational	Total Grant	Present Value Factor @ 10%	Present Value

		Support Grant (GAOSG) Rs. In Lacs			
(1)	(2)	(3)	(4)= (2)+(3)	(5)	(6) = (4) x (5)
17			-	0.1978	-
18			-	0.1799	-
19			-	0.1635	-
20			-	0.1486	-
21			-	0.1351	-
22			-	0.1228	-
23			-	0.1117	-
24			-	0.1015	-
25			-	0.0923	-
26			-	0.0839	-
27			-	0.0763	-
28			-	0.0693	-
29			-	0.0630	-
30			-	0.0573	-
31				0.0521	-
32				0.0474	-

Name: _____ in the capacity of _____

Signed

Duly authorised to sign the bid for and behalf of _____

Dated on _____ day of _____, _____

Notes:

1. Evaluated bid price shall be present value of Annual Project Grant & Gross Annual Operating support Grant for 30 years (Excluding 2 years of construction period) as per the above table.
2. The discount factor for calculation of present value shall be 10% (p.a.) per annum.
3. Responsive bidder with lowest evaluated bid price shall be consider as selected bidder as per RFP
4. The column No (2) and (3) shall be quote by the bidder.

Providing Sewage Effluent Treatment for reuse by Potential Customers in Nagpur
A PPPIDBFOT project
Clarification to the Additional Queries from IL&FS and NCC Ltd (Consortium)

Clause	Query	NMC Response
RFP		
Vol-II [Part-I of 2], Part-3: General Requirements	In pg no.3-4, Clause-3.2, it IS mentioned "Other equivalent National or International Standard Specifications such as those issued by the International Organization for Standardization (ISO) or the International Electro technical Commission (IEC) may be substituted by the Contractor (so long as they are more stringent than the equivalent IS) at the sole discretion of the Owner / Engineer-In-Charge / Engineer or as may have been agreed in the Contract". IS will be followed and if not available only ISO/eq. codes will be followed. Please consider.	Agreed
Vol-II [Part-I of 2], Part-3: General Requirements	In pg no.3.-31, Clause-3.17, It is mentioned "If new observations are given by the Engineer, the Contractor will be entitled to take an additional 10 (ten) days period for compliance". New observations by the Engineer on the design/drawing shall be limited to only one time. Please clarify.	Yes, will be for one time.
Vol -II [Part-I of 2], Part-I: General Workmanship. Material and Design Requirements	In pg no.4-3, Clausc-4.4, It is mentioned "All materials and equipment shall be designed for long life and shall be suitable for continuous 24 hour per days operation for prolonged periods with a minimum of maintenance and the Contractor may be called upon to demonstrate this for any component either by the service record of similar equipment elsewhere or by records of extensive type tests" The design life for all EMI items shall be 15 years. Please consider	As mentioned in bid document
Vol -II [Part-I of 2], Part-I: ' Particular specification Civil	In pg no.I-30, Clause-1.2.14, It is mentioned "Cement concrete pipes of class NP-3 as per IS: 458 shall be used below ground level for sewage disposal in all areas other than main plant area" The sewerage system in plant area shall be provided wherever required in the plant area depending on the functional requirements but not in the rest of the plant area. Please consider.	As mentioned in bid document

Vol--II [Part-I of 2], Part-I: Particular specification Civil	In pg no. 1-32, Clause-1.2.17, It is mentioned "Non destructive test shall be carried out on the all the completed structure to verify the compressive strength of concrete" NDT on completed structure may be required only when other tests/acceptance criteria as per IS456-2000 have failed. Please consider.	As mentioned in bid document
Vol -II [Part-I of 21, Part-3: Standard specification-Civil section-4	In pg no.4-9, Clause-1.7.2, It is mentioned "Generally cement shall be ordinary Portland cement conforming to IS: 269. In special cases. Rapid Hardening Portland Cement, Low Heat Cement etc. may be permitted or directed to be used by the Engineer." PPC can be used depending on non-availability of OPC. Please consider.	As mentioned in bid document
General	Please provide us the high flood level (HFL) data of Pioli, Pora, Nag and other rivers of Nagpur.	The bidder has to find out the same.
General	Please provide us the no. of working and no. of standby pumps in existing raw sewage pumping station (on the bank of Nag river).	The bidder has to perform its own assessment.
Vol-2, Part 1 of2; Clause 1.10	Survey and Geotechnical Data It is mentioned that The Owner has all the reports of the geotechnical investigation & Toposurvey documents. Please provide the topography drawings and geotechnical reports for the project site locations as mentioned below, <ol style="list-style-type: none"> 1. Raw sewage pumping station location near Pioli river 2. Raw sewage pumping station location near Pora river 3. Proposed pipe route alignment (for raw sewage & treated sewage) 4. Treated sewage pumping station location 5. Secondary treated sewage let out locations 6. Details of let out nallah. 	Refer to Sr. No 8 of NMC stipulation.
Vol-2, Part 1 of2; Clause 1.5.2	It is understood that the design capacity of the Pumping station and pumping mains is 75 mld. Please also furnish the year wise operating capacity of the same.	Confirmed capacity as 75 MLD, for more details bidder has to perform its own assessment.

Vol-2, Part 1 of 2; Clause 1.5.2, No. 3 (Module C)	Its mentioned that disposal to existing nearby Nallah as per MPCB norms. Please confirm the Nallah location, Length & alignment details of the Pumping main from STP to Nallah, etc	The bidder has to perform its own assessment.
General	Please confirm that the concessionaire's scope of work also includes the rehabilitation of existing collection system in central zone and its O&M	No.
General	Power cost -It is understood that the O & m cost includes the power cost for the entire concession period (except for first 2 years only) under the concessionaire. We suggest that NMC will bare the power cost for entire concession period.	As mentioned in bid document.
General	Out fall location for treated sewage let out point -Please confirm whether the existing outfall point may be considered for the proposed scheme also.	The bidder has to perform its own assessment.
General	Environmental clearance -Please confirm that whether the NMC is responsible for getting the Environmental clearance for the proposed project.	Refer to Sr. No 20 of NMC stipulation.
General	This STP has a very good potential for harvesting bio-gas, which could be trapped, collected, processed and utilized for power generation to run the STP. An equal quantum of power from the General grid and a corresponding quantum of fossil fuel could be saved by this way. This ecologically sensible element shall be considered for inclusion in this bid.	Agreed.
General	Another point to be noted is, if the bio-gas power generation is included, this process would be mitigating environmental damage by preventing release of GHGs (Green House Gases), such as Methane, to the atmosphere. Consequently, this process could become eligible for 'Carbon Credit', which could be traded in the international market in lieu of financial benefits. In such case, the concessionaire shall be allowed to collect the benefits	Agreed.

General	Similarly, the concessionaire shall be allowed to market the dewatered sludge to any potential users, after adapting any suitable safe sludge treatment methods	Agreed.
---------	---	---------

Providing Sewage Effluent Treatment for reuse by Potential Customers in Nagpur
A PPPIDBFOT project

Clarification to Queries of Intending Bidders Pre-Bid Dated 09-12-2011

CORRECTION SHEET

Sr. No.	P.No	Reference	As mentioned in NMC clarification	Correction
Welspun Infratech Limited-Crystal Industrial Syndicate Private Limited (JV)				
6	229	Conditions Precedent	Ref to Sr. No. 1 & 2 of additional stipulation of NMC	Read as " As mentioned in bid document"
NMC additional stipulation				
9	234 line no 2	Sludge disposal point & cost of the sludge disposal	prevailing rater	prevailing rate
23	236	Performance security	performance	performance
28	236	operate 66% of existing capacity	Plant	Plant