

Tamil Nadu Polymer Industries Park Limited
19-A, RukmaniLakshmipathy Road, Egmore, Chennai - 600 008

TENDER REFERENCE NO. 01/19

REQUEST FOR PROPOSAL (RFP) FOR ENGINEERING-PROCUREMENT-CONSTRUCTION (EPC) CONTRACTOR FOR
DEVELOPMENT OF BASIC INFRASTRUCTURE AT PLASTIC INDUSTRIES PARK IN VOYALUR AND PUZHUVIVAKKAM VILLAGES, THIRUVALLUR DISTRICT, TAMIL NADU

Response to Prebid Queries

	Clause	Query	Remarks
1.	1.3	Validity of Tender 1. Since the work duration itself 180 days, Bid validity of 180 days seems quite unreasonable. It shall be changed suitably to 90 days	No change. Conditions as specified in the tender document will remain.
2.	2.1.10	Instruction to Bidders – General Terms of Bidding 1. For performance security, BG validity of 12 months is unacceptable for work duration of 6 months. If the duration of the work is altered which is requested in the later points, this may be kindly adopted.	The contract period is increased from 6 months to 9 months. Refer Corrigendum – I.
3.	2.9	Bid Price 1. Generally, all state Government departments and PSU's adopt a Defect Liability Period of 1 year from the date of completion of work. This may kindly be adopted.	Conditions as specified in the tender document will remain.
4.	2.24	Performance Security 1. The return of Performance security is not mentioned and when will it be returned.	Refer Corrigendum – I. (Performance security will be returned to the EPC contractor after the

			completion of work and on obtaining the completion certificate)
5.	2.9.3	Bid Price <ol style="list-style-type: none"> 1. Kindly provide the GST % applicable for the work. 2. Kindly clarify as whether the GST is inclusive or exclusive of contract price 	The contract value mentioned in the Tender document is excluding GST.
6.	6.2.1	Site Grading – Filling for road area excluding Road <ol style="list-style-type: none"> 1. Kindly provide the benchmark level so as to assess the filling quantity needed for our work 2. Since wet ash / pond ash is used in major bridges and embankments, can the same be used in our filling work, if approved by PWD? 3. After getting approval from PWD, do we have to get the same approved from TPIPL, if so why? 	<p>Benchmark level for filling has been fixed at the second culvert on the western side road of the park which is around 1000 meters from the Ash pipeline road.</p> <p>The benchmark point will be shown to the bidders during the site inspection scheduled on 01.08.2019</p> <p>Any filling material approved by PWD/ MORTH can be used, however, they should achieve the compaction factor as mentioned in the tender.</p>
7.	6.2.2	Road Network – 30m ROW <ol style="list-style-type: none"> 1. Kindly provide the Dia and class of Hume pipe 	Hume pipes shall be of RCC spun pipes with minimum dia of 300 mm conforming the IS: 458/2003 standards. Class of the pipe shall be designed in accordance with the axial load over 30M RoW and 24M RoW.
8.	6.2.2.7	Box Culverts & Hume pipes	Being an EPC Contract, the contractor

		1. The size and type of Box culvert us not mentioned (single or twin box)	is expected to design the culverts & hume pipes based on the design requirements.
9.	6.2.2.8	Street Light <ol style="list-style-type: none"> 1. In spec, twin collar is mentioned but in drawing for 24 m RoW, only single collar is given. Kindly clarify 2. The adequate intervals for light poles can be determined only if the required lux / lamination level is given, kindly provide. 3. Type of lighting whether LED or Halogen is not given. Kindly provide 	Refer Corrigendum – I.
10.	6.2.2.10	Utility Corridor <ol style="list-style-type: none"> 1. Kindly clarify the adequate road arboriculture, since it is a subjective matter 2. Kindly proved the dimensions for RCC ducts and Trenches, since it is also a subjective matter 3. Kindly provide chamber size. Since it is also a subjective matter. 	<ol style="list-style-type: none"> 1. Greenbelt has to be developed as per CPCB norms. TPIPL will provide the species and spacing in consultation with the forest department. 2 & 3. Being an EPC Contract, the contractor is expected to design the RCC ducts, trenches, and chambers based on the design requirements.
11.	6.2.3	Water storage & distribution system <ol style="list-style-type: none"> 1. Kindly earmark the utility area for construction of sump 	Utility corridor area is earmarked in the schematic diagram provided in Tender document. Please refer Page No 74 of the Tender document.
12.	6.2.3	Water storage & distribution system <ol style="list-style-type: none"> 1. Kindly provide the adequate pressure required for the work, so as to provide the required head for OHT 	The EPC contractor has to design the OHT to supply water to all the plots and amenity areas with a minimum tailend discharge/flow velocity of

			3m/s. - Refer Corrigendum - I
13.	6.2.3	Water storage & distribution system <ol style="list-style-type: none"> 1. Kindly provide the adequate electrical fittings (Eg – tubelight, fan etc) 2. Do we have to provide window for ventilation? If yes, kindly provide the window details 3. Kindly provide the flooring details 	LED Light – 1 No Ceiling fan of reputed make – 1 No Normal cement flooring with adequate sized windows for ventilation as per PWD/ CPWD norms
14.	6.2.3	Water storage & distribution system <ol style="list-style-type: none"> 1. Since the same amount of water can be pumped in variable time, kindly provide the capacity of pump according to your requirement 	The EPC contractor has to design the capacity of the pump such that 1 MLD of water is pumped to OHT from sump in 8 hrs. - Refer Corrigendum – I.
15.	6.3.1.1	Cement & Steel <ol style="list-style-type: none"> 1. Since nowadays, PPC is used in all major works and environmental friendly in addition to providing good strength over a period of time and reduction in concrete temperature 	PPC can be used in accordance with the IS 1489 – 1991 10A third revision.
16.	6.3.1.2	Aggregates <ol style="list-style-type: none"> 1. Since river sand is banned in Tamil Nadu, can we use the M Sand as approved by Tamil Nadu PWD? 	M-Sand can be used in accordance with the PWD norms.
17.	6.3.1.6	DI pipes <ol style="list-style-type: none"> 1. Kindly provide the working pressure of DI pipes 	The minimum tail end discharge pressure has to be designed for 3m/s.
18.	6.3.3	Pipe laying works – Laying DI pipes <ol style="list-style-type: none"> 1. An even and regular bed shall be prepared and joint pit shall be excavated to form a process under the socket of each pipe of no greater depth and width. Each pipe shall then be carefully lowered and placed singly in the trench and shall rest in the solid ground for a distance of not less than two-thirds of its entire length. KINDLY Clarify the sentence 	The process mentioned is as per the IS 12288 / 1987 standards.

19.	6.4	<p>Site survey, design, approvals & constructions – Statutory Approvals</p> <ol style="list-style-type: none"> 1. Kindly clarify the statutory approvals required for our work (Eg. Environmental clearance, CRZ approval) 2. Kindly clarify as to who should bear the cost of statutory approvals? 	<p>TPIPL is responsible for obtaining the statutory clearances for environmental and CRZ approvals.</p> <p>The EPC contractor is responsible for all approvals related to constructions such as labour, safety, ESI, PF, insurance etc and the cost for obtaining the above-said approvals have to be borne by the EPC contractor.</p>
20.	6.5	<p>Self</p> <ol style="list-style-type: none"> 1. Generally, work of this magnitude and volume requires atleast 1 year from the date of commencement of our work. 2. Further the work can be started only in rainy season which will hamper the progress of our work to a great extent as the majority of the work involves machineries for filling and formation of roads 3. Moreover, the milestone provided here is not realistic and unachievable. So we kindly request you to adapt a suitable milestone considering the hardship required for the work. 	<p>The project period is extended from 6 months to 9 months. Please refer Corrigendum - I</p>
21.	6.6	<p>Terms of Payment</p> <ol style="list-style-type: none"> 1. Since the entire work is of Infrastructure Nature which involves and requires high cash flow for site grading and road formations. We request to adopt a suitable payment percentage as the given percentage for the respective works are very meagre. 2. As per your document, 5% of amount is to be provided by the contractor as 	<p>Modified terms of payment is indicated in Corrigendum - I. Please refer the same.</p>

		<p>performance guarantee to TPIPL. In addition, 5 % of retention money is deducted from each bills and even then 20% if amount is withheld as per the payment schedule by you for completion of minor works is unacceptable and not feasible.</p> <p>Therefore we kindly request you to consider and amend the payment schedule as follows</p> <ol style="list-style-type: none"> a. Upon completion of 505 of total area to be filled – 20% b. Upon completion of 100% of total area to be filled – 20% c. Upon completion of 50% of road and related works – 20% d. Upon completion of 100% of road and related works – 20% e. Upon completion of 100% OHT – 10% f. Upon completion of 100% sump and distribution-related works – 5% g. Upon completion of 100% all minor works and handling over the site – 5% 	
22.	Page No – 9	<p>Eligible Assignments</p> <ol style="list-style-type: none"> 1. We kindly request you to accept the “Earthwork embankments and Irrigation related projects” to the eligible assignments 	Conditions as specified in the tender document will remain.
23.		<p>Eligible Assignments</p> <ol style="list-style-type: none"> 1. For pre-qualification, kindly consider the stone or boulder laying & dumping works also. 	Conditions as specified in the tender document will remain.
24.	Page No – 15	<p>Joint venture</p> <p>Lead member should be 51% and other member should be 26% to form a joint venture company. Also in clause (a) of page 14 it states that number of members in Joint venture can be till 3. In that scenario can the 3rd member participate with 23% since due to the conditions stated in clause (d). Kindly clarify</p>	Refer Corrigendum - I.
25.	Page no- 8	<p>Technical Eligibility</p>	The lead member must satisfy the

		1. In case of Joint venture it is mentioned that lead member should individually satisfy the technical capacity. But in major tenders in Port sectors and other sectors in case of Joint venture the technical capacity will be satisfied individually or combined. Kindly do the necessary changes such that the technical qualification will be satisfied individually or as a Joint venture totally.	technical capacity either individually or as a Joint Venture - Refer Corrigendum – I.
26.		Kindly accept the Enhancement multiplication factor for the technical and financial eligibility for each year. These type of factor is very common in major tenders in many government departments	Conditions as specified in the tender document will remain.
27.		We also request you to kindly grant us an time extension for the submission of tender for another 15 Days	The time for submission of tender document has been extended from 09.08.2019, 3.00 PM to 20.08.2019, 3.00 PM. Refer Corrigendum – I.
28.		Whether the land acquired from the nearby land lords	The land is in the possession of TPIPL and no acquisition is required from nearby landlords.
29.		Any arrangements have made to visit the site area	Site visit date is fixed on 01.08.2019 at 11:30 AM.
30.		For better understanding, we are in need of level drawing & base level	Schematic diagram of the site is already enclosed in Tender document. The EPC contractor is advised to make an independent survey to assess the site conditions.
31.		Scope of soil filling (Either from inside site or outside)	Filling material has to be brought from outside.

32.		If the soil filling from outside any approved quarry available from the department	It is the responsibility of the EPC contractor to obtain the necessary approval for quarrying and movement of the soil to the site. If required a letter from TPIPL would be provided to justify the bonafide usage.
33.		Would you please confirm the document cost as Rs. 10,000? Where documents can download at free of cost from the website	Tender document fee of Rs. 10,000/- through Demand Draft in favour of Tamil nadu Polymer Industries Park, payable at Chennai has to be submitted along with the Tender document.
34.		Whether TPIPL has appointed any consultant	TPIPL is in the process of appointing Owners Engineer for the project.
35.		Price escalation is applicable	Price escalation is not applicable.
36.		Shall we take defect liability as 12 months instead of 24 months	Conditions as specified in the tender document will remain.
37.		Need some clarification that Performance security of 5% for 24 months instead of 12 months	Conditions as specified in the tender document will remain.
38.		The deduction retention money of 5% will be paid 2.5% in the final bill the remaining 2.5% can be released by giving the bank guarantee	Conditions as specified in the tender document will remain.
39.		Rainwater disposal	Rainwater disposal is proposed on the Southern side of the park. However, the EPC contractor is advised to design the stormwater drains after assessing

			the contour levels.
40.		Street light by EB or solar	The power supply to the street lights is done through EB
	General		
41.		EPC contractor can start the work after obtaining design approvals from TPIPL	Yes. The EPC contractor is expected to start the work only after obtaining the design approvals from TPIPL.
42.		EPC contractor can avail mobilization advance against Bank Guarantee	Conditions as specified in the tender document will remain.
43.		Design life for the roads in the park	20 years. Refer Corrigendum – I.
44.		Design Traffic for the roads in the park	50msa (Million Standard Axle). Refer Corrigendum - I