

Tamil Nadu Polymer Industries Park Limited
19-A, Rukmani Lakshmi pathy Road, Egmore, Chennai - 600 008

Tender Reference No.01/2019

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

CORRIGENDUM - I

RFP for Engineering-Procurement-Construction (EPC) Contractor for Development of basic infrastructure at Polymer Industries Park in Voyalur and Puzhuvakkam Villages, Thiruvallur District was already published in the website on 06.07.2019. Based on the queries raised during the pre-bid meeting held on 24.07.2019 and representations received through mail/letters, the following amendments are issued in the tender schedule as per Rule 17(1) of The Tamil Nadu Transparency in Tenders Rules, 2000.

Sl. No	Page No	Title	Clause No	For	Read as
1.	8	Notice inviting tender	2	Time for completion: 6 months	Time for completion: 9 months
2.	8	Notice inviting tender	4	Last date and time for submission of the tender: 09.08.2019, till 3.00 pm	Last date and time for submission of the tender: 20.08.2019, till 3.00 pm
3.	8	Notice inviting tender	1)	In case of a Joint Venture, the Lead Member should individually satisfy the Technical Capacity such that he should have undertaken and successfully completed the Eligible Assignments as stated below. The other members of the Joint Venture shall meet at least 30% of Technical requirement of the Eligible Assignments as mentioned below during the past 10 (Ten) years ending on the last date	In case of a Joint Venture, the Lead Member shall satisfy the Technical Capacity, either individually or as a Joint venture, such that the lead member/JV should have undertaken and successfully completed the Eligible Assignments as stated below during the past 10 (Ten) years ending on the last date of the month immediately preceding the month in which applications are invited.

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				of the month immediately preceding the month in which applications are invited.	
4.	14	2.1 General Terms of Bidding	2.1.23 (d)	The shareholding commitments of all the members of the Joint Venture shall be such that the Lead Member and Other member(s) should hold at least 51% and 26%, respectively, of the paid up and subscribed equity of the Joint Venture Company.	The shareholding commitments of all the members of the Joint Venture shall be such that the Lead Member and the second member should hold at least 51% and 26% respectively and the third member may hold the remaining of the paid-up and subscribed equity of the Joint Venture Company.
5.	28	Performance Security	2.24.1	At the time of signing of Contract Agreement, the successful bidder shall furnish to TPIPL a Performance Security in the form of a Bank guarantee valid for a period of 24 months issued by a nationalized bank, or a Scheduled Bank in India in favour of TPIPL. The performance security shall be sum equivalent to 5 % of the price quoted by the bidder for carrying out the works as defined in this RFP.	At the time of signing of Contract Agreement, the successful bidder shall furnish to TPIPL a Performance Security in the form of a Bank guarantee valid for a period of 24 months issued by a nationalized bank, or a Scheduled Bank in India in favour of TPIPL. The performance security shall be a sum equivalent to 5 % of the price quoted by the bidder for carrying out the works as defined in this RFP. Performance security will be returned to the contractor after the successful completion of the work and on obtaining the completion certificate.
6.	39	Road Network	6.2.2.2 (a)	Flexible pavement is proposed for internal road of the Polymer Park conforming to IRC-37- Latest guidelines. The axel load for all the roads in the park is considered as 50 tonnes.	Flexible pavement is proposed for the internal road of the Polymer Park confirming to IRC-37- Latest guidelines. The design life shall be considered as 20 years. The design traffic for the roads in the park shall be taken as 50msa (Million Standard Axle).
7.	41	Street Light	6.2.2.8	The height of the lamp post (MS poles including galvanized MS poles for rust free operation) will be 10 meters and twin collar street light poles will be used. The	The height of the lamp post (MS poles including galvanized MS poles for rust-free operation) will be 10 meters and twin collar LED street light poles will be used for 30m

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				street lights will be placed at adequate intervals along the entire stretch of the internal roads.	RoW and single color staggered sided or zigzag pattern LED lights for 24m RoW with 25m intervals in both RoW's.
8.	39	Filling for area excluding road area	6.2.1	<p>Filling for area excluding road</p> <p>The scope of the EPC contractor would be to level the land with reference to the temporary benchmark level that will be shown in the site with adequate filling material as approved by PWD. The temporary level shall be marked with a contour of 10.00 and filling is to be done in line with the benchmark level.</p> <p>The filling has to done considering the Industrial buildings to be constructed in the plots, machineries to be erected and the vibration levels.</p> <p>Filling in layers of 300 mm thickness has to be done with necessary leveling, rolling with 8 – 10 Ton capacity roller to a compaction proctor density of 95% and above. The topo map indicating the contour levels in phase - 1 is provided below. The EPC contractor shall get necessary approval from TPIPL for the earth to be filled and necessary test reports from a Government approved testing agencies, preferably Anna University, have to be submitted prior to undertaking filling in the site.</p> <p>The EPC contractor shall submit the net quantity of the compacted earth after carrying out necessary survey and</p>	<p>Filling for area excluding road</p> <p>The scope of the EPC contractor would be to level the land with reference to the temporary benchmark level that will be shown in the site with adequate filling material as approved by PWD. The temporary level shall be marked with a contour of 10.00 and filling is to be done in line with the benchmark level.</p> <p>The filling has to done considering the Industrial buildings to be constructed in the plots, machinery to be erected and the vibration levels.</p> <p>Filling in layers of 300 mm thickness has to be done with necessary leveling, rolling with 8 – 10 Ton capacity roller to a compaction proctor density of 95% and above. Necessary test reports from Government approved testing agencies, preferably Anna University, have to be submitted prior to undertaking filling in the site, during the course of filling and also after the filling is completed.</p> <p>The EPC contractor shall submit the net quantity of the compacted earth after carrying out the necessary survey and the detailed design/drawings to TPIPL for approval, as indicated in clause 6.4.B in the RFP. TPIPL has the right</p>

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				the detailed design / drawings to TPIPL for approval, as indicated in clause 6.4.B in the RFP. TPIPL has the right to modify/ change the design/ drawings according to the site conditions.	to modify/ change the design/ drawings according to the site conditions.
9.	41	Box Culvert and Hume Pipe	6.2.2.7	<p>Box culvert needs to be designed and constructed wherever necessary along the 24m wide road and 30m wide road at the crossing of the storm water drain on road surface and at the entry point of the park on the southern side.</p> <p>Hume Pipes are to be provided at 300 meters interval throughout the road length of 2.88 kms with necessary end chambers on either side.</p> <p>The EPC contractor shall submit the detailed design / drawings with regards to the culverts/ structures as indicated in clause 6.4.B in the RFP.</p>	<p>Box culvert needs to be designed and constructed wherever necessary along the 24m wide road and 30m wide road at the crossing of the storm water drain on road surface and at the entry point of the park on the southern side.</p> <p>Hume Pipes (with a minimum dia of 300 mm RCC spun pipes) are to be provided at 300 meters interval throughout the road length of 2.88 kms with necessary end chambers on either side of the road.</p> <p>The EPC contractor shall submit the detailed design / drawings with regards to the culverts/ structures as indicated in clause 6.4.B in the RFP.</p>
10.	42	Water Storage and Distribution System	6.2.3	The contractor is responsible for the design, construction and execution of the water supply works including the supply and installation of all materials, machinery, equipments etc to meet the water requirement of 1 MLD with an appropriate capacity of sump and OHT.	The contractor is responsible for the design, construction and execution of the water supply works including the supply and installation of all materials, machinery, equipments etc to meet the water requirement of 1 MLD with an appropriate capacity of sump and OHT.

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				5 (a)	Supply, delivery, erection and commission of pumps at source point	2 nos of adequate capacity pumps along with required electrical fittings	5 (a)	Supply, delivery, erection and commission of pumps inside the park (for supply of water from water from sump to OHT)	2 nos of adequate capacity pumps (including standby) along with required electrical fittings considering that 1 MLD of water is pumped to OHT from sump in 8 hrs.		
				5 (b)	Supply, delivery, erection and commission of pumps inside the park (for supply of water from water from sump to OHT)	2 nos of adequate capacity pumps along with required electrical fittings					
11.	51	Terms of Payment	6.6	S No	Milestone	Item Description	Percentage of Total contract value	S No	Milestone	Item Description	Percentage of Total contract value
				A	Upon 100% completion of Site Grading		30%	A	Upon 100% completion of Site Grading		40%
					A1	Upon approval of completion of 50% of the total area to be filled	15%		A1	Upon approval of completion of 50% of the total area to be filled	20%
					A2	Upon approval of completion of remaining of the total area to be filled	15%		A2	Upon approval of completion of remaining of the total area to be filled	20%
				B	Road Works including Stormwater drainage, culverts, Street lights, Utility corridor, Road furniture and appurtenances		25%	B	Road Works including Stormwater drainage, culverts, Street lights, Utility corridor, Road furniture and appurtenances		25%
					B1	Upon approval of completion of 30% of works	5%		B1	Upon approval of completion of 30% of works	5%
					B2	Upon approval of completion of 30% of works			B2	Upon approval of completion of 30% of works	10%

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					B2	Upon approval of completion of 30% of works	10%		B3	Upon approval of completion of 40% of works	10%
					B3	Upon approval of completion of 40% of works	10%	C	Water storage and distribution system		15%
				C	Water storage and distribution system		25%		C1	Upon approval of completion of 50% of works	8%
					C1	Upon approval of completion of 30% of works	5%		C2	Upon approval of completion of 50% of works	7%
					C2	Upon approval of completion of 30% of works	10%	D	Completion of Work Upon work completion to the satisfaction of the TPIPL and subsequent certification and approval		20%
					C3	Upon approval of completion of 40% of works	10%	E	Retention Money		
				D	Completion of Work Upon work completion to the satisfaction of the TPIPL and subsequent certification and approval		20%	<i>A retention amount equivalent to 5% of the running bill value shall be made from the RA bills from all bills submitted. The Retention money shall be released as per the Clause 5.10 of the RFP</i>			
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In the pursuance of request received from the bidders, the time for submission of the tender has been extended till 20.08.2019, 3.00 pm.

Managing Director