



	<b>MRPL Marketing Terminal Project at Devangonhi, Bangalore</b> <b>Marketing Infrastructure Projects, MRPL.</b>	
	<b>LSTK-B PACKAGE: CIVIL AND STRUCTURAL WORKS</b> <b>REPLIES TO PRE-BID QUERIES</b>	

Sl. No.	BIDDING DOCUMENT		SUBJECT	BIDDER'S QUERY	REPLY
	PAGE No.	CLAUSE No.			
1.	Volume 1 Commercial General		Introduction & Brief scope of work	<p>a) It is stated that the scope is LSTK for civil and structural work including design &amp; Engineering. Scope includes Topography survey soil investigation etc. The scope mentions RCC Building (including Electrical &amp; Plumbing)</p> <p>b) Bidder Understand that the scope is only limited to civil and structural work including plumbing. Electrical, Mechanical, Fire Fighting, Fire Alarm, Instrumentation etc are not covered in this bid. Please confirm.</p> <p>c) Also Tank Foundation, equipment foundation, Civil/ Structural work related to piping, Dyke wall, Fire Wall, etc are not covered in this bid. Please Confirm.</p> <p>d) We Understand that Topography details &amp; Geotechnical investigation are already done &amp; based on which tender drgs are prepared. Please confirm the requirement for carrying the same again by LSTK Contractor.</p> <p>e) Bidder understand that Engineering drawing will be issued by PMC for construction as most of the structural details are already furnished in the bid. Please confirm.</p> <p>f) In tender it is mentioned that that the contractor to use PDS/PDMS Software including 3D- Modelling.</p>	<p>a) Bidder to follow Tender documents which includes design and engineering.</p> <p>b) Bidder to follow tender document for clear understanding of scope</p> <p>c) Bidder's understanding is correct</p> <p>d) Bidder to follow tender document for clear understanding of scope</p> <p>e) Bidder to follow Tender documents which includes design and engineering</p>

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				Please confirm the complete scope for design Engineering concern.	f) Scope is clearly defined in Tender document. Bidder to follow tender documents.
2.	VOLUME 2 TECHNICAL PART 6 part 1		Drawings mentioned but not enclosed in tender documents	Refer drawing No. 20005-GEN-S-DW-2300 - List of drawings, mentioned drawings of Ring Beam Foundations, Typical dyke Wall and Fire wall details in tank farm area, Typical Walkway/Valve Access Plateform Near Tank Structural GA & Details and foundation of Fire Water Tank etc. but are not enclosed in tender document. Kindly Clarify whether these items are included in the scope or not.	Bidder shall refer to the list of drawings included in the index sheets of Tender, updated drawing no. 20005-GEN-S-DW-2300 is attached as part of Addendum-02
3.	VOLUME 2 TECHNICAL PART 6 part 1		P & ID's, PMS & SLD	Many Piping & Instrumentation Diagrams, PMS, SLD are attached. Kindly confirm their relevance to the scope as this package is for civil & structural..	Bidder shall refer to the list of drawings included in the index sheets of Tender PMS is attached since all the Piping (like Firewater, Utility etc.) coming inside the Buildings/Units is in bidder cope as per Scope of work document  Bidder to refer to P&IDs 1012, 1013_1, 1013_2, 1014_1, 1016, 1017, 1019 & 1020 for scope split

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					between LSTK-B bidder (Civil & Structural contractor) and other LSTK contracts. The remaining P&IDs for reference
4.	VOLUME 2 TECHNICAL PART 6 part 1		Scope Drawing	Kindly provide a drawing showing various buildings/units covered in this package scope for better clarity.	Bidder shall refer to the plot plan included in the Tender with drawing number 20005-GEN-L-DW-3001 for details of Various buildings
5.	-		Tie Locations for outlets	Also provide the tie in locations for raw water, SW drain outlets, discharge for OWS/domestic sewer.	Bidder to follow the distance of the tie-in is mentioned in scope of work document (VOLUME-2 TECHNICAL - PART-1 )and number of tie-in shall be as per P&IDs
6.	VOLUME 2 TECHNICAL PART 6 part 1	20005- GEN- DW- 2402	Stone Column	Refer dwg No. 20005-GEN-DW-2402 Sheet 4 of 5 & Sheet 2 of 2. It is indicated stone column requirement. But not shown its location. Further the soil report indicates very good subsoil strata. Carrying out stone column is not feasible. Kindly Clarify.	Bidder understanding is correct, no stone column is envisaged in this project.

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7.	VOLUME 2 TECHNICAL PART 6 part 1	20005- GEN-S- DW- 2328	FGL	Please Refer Dwg No. 20005-GEN-S-DW-2328 The table indication for proposed NGL of Various unit area is illegible. Kindly provide legible copy of the drawing.	Bidder to refer updated drawings attached as part of Addendum-02
8.	VOLUME 2 TECHNICAL PART 6 part 1		RCC Details of Footing, Floor, Beam & Slab	Refer dwg No. 20005-GEN-S-DW-2301,2305,2312,2313. RCC Details of Footing, Floor, beams & Slab are missing. Please furnish the same.	Preparation of detailed drawings and other drawings required for execution of the job is in the scope of bidder as mentioned in scope of work document. Bidder to follow tender document
9.	VOLUME 2 TECHNICAL PART 1	20005- GEN-G- DOC- 9125	Design Basis Civil & Structural	In the scope, the road width mentioned is 6m (4M +1 M shoulder on either side) is not matching with the overall plot plan drawing in which it is shown 5m wide.	Bidder to follow the Tender document Refer Addendum-02
10.	Cl. No. 2.4, Part – I, Section 9, Sub- Section – 9.1 (pdf page 660 of 957)		LSTK CONTRACTOR shall facilitate access for OWNER / PMC's designated personnel at his offices. LSTK CONTRACTOR shall provide office space, furniture, equipment, all office supplies inclusive of utilities,	We assume the referred clause is not related to this package and shall be deleted.  Kindly confirm.	Bidder to follow the Tender document.

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			telecommunication services, courier services and secretarial and clerical services, in LSTK CONTRACTOR'S Home Office and other offices outside India including at supplier's works / offices for the personnel of OWNER and PMC.		
11.	Cl. No. 2.5, Part – I, Section 9, Sub-Section – 9.1 (pdf page 660 of 957)		LSTK CONTRACTOR shall provide full assistance to OWNER and PMC's personnel at all places during the course of the WORKS for the following: 1) To enter into and go out from the countries. 2) To stay in the countries for the required period.	We assume the referred clause is not related to this package and shall be deleted.  Kindly confirm.	Bidder to follow the Tender document.
12.	Cl. No. 2.10, Part – I, Section 9, Sub-Section – 9.1		LSTK CONTRACTOR shall supply special tools & tackles required for operation and	We assume the referred clause is not related to this package and shall be deleted.  Kindly confirm.	Bidder to follow the Tender documents.

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	(pdf page 661 of 957)		<p>maintenance, and initial charge of consumable such as packing, desiccant, catalyst and lubricant etc. LSTK CONTRACTOR shall provide the requirements for all the consumables on daily / weekly / monthly / yearly basis giving details of suppliers for the same.</p>		
13.	Cl. No. 2.15, Part – I, Section 9, Sub-Section – 9.1 (pdf page 661 of 957)		<p>LSTK CONTRACTOR shall be responsible for the total disposal of construction waste materials and final site clearance including removal of temporary facilities in compliance with local regulations and as per directions of OWNER / PMC. As regards to left over useable material including bulk material, LSTK</p>	<p>We assume the referred clause is limited to disposal of waste generated and removal of temporary facilities of bidder's work only and not of other contractors.</p> <p>Kindly confirm.</p>	<p>Bidder understanding is correct</p>


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			CONTRACTOR shall duly codify the same as per the OWNER's guidelines and return to the OWNER without any extra cost to OWNER.		
14.	Cl. No. 3.2, Part – I, Section 9, Sub-Section – 9.1 (pdf page 662 of 957)		Office Facilities	We assume the referred clause is not related to this package and shall be deleted.  Kindly confirm.	Bidder to follow the Tender document.
15.	Cl. No. 3.2.3, Part – I, Section 9, Sub-Section – 9.1 (pdf page 663 of 957)		Visa	We assume the referred clause is not related to this package and shall be deleted.  Kindly confirm.	Bidder to follow the Tender document.
16.	Cl. No. 18, Part – I, Section 9, Sub-Section – 9.1 (pdf page 674 of 957)		LSTK-B CONTRACTOR shall provide all electrical load details, equipment list, schedules, heat dissipation details to PMC soon after the award of contract.	Request you to kindly elaborate the said clause.	Bidder shall refer the Tender documents for details.



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17.	Cl. No. 21, Part – I, Section 9, Sub-Section – 9.1 (pdf page 675 of 957)		PMC shall provide the foundation drawing of Transformers, Diesel Generators and High mast light to LSTK-B Contractor to Complete the Civil foundation work for the same. Interface with All package units (HVAC, OWS, STP, Raw Water etc.)	Kindly provide the relevant drawings along with the tender to understand the quantum of job and if any works to be carried out for Electrical and Instrumentation.	Bidders scope is defined in the Tender document. Detailed Drawings will be provided to the successful Bidder after award of work
18.	Cl. No. 2, Table B, Annexure 1 to SCC (pdf page 512 of 957)		Intermediate major milestones	We assume that Sl. No. 1 of the referred table is not related to Civil and Structural works and shall be deleted from this package. We assume MRPL shall provide us clear ROU / ROW for construction works. Removal of all existing facilities and vegetation shall be carried out by MRPL. Kindly confirm.	Scope is clearly defined in the Tender document. Bidder to follow Tender document.
19.	General		Package items	Kindly confirm that the scope of package items shall be limited to HVAC, OWS, STP, Raw Water, clean agent system only. Kindly also furnish the details of the above package items.	Scope is clearly defined in the Tender document. Bidder to follow Tender document.




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20.	General		Statutory Approval	We assume all statutory approval viz. OISD, CCE, TAC, Factory Inspectorate, PCB etc.) shall be obtained by MRPL. Kindly confirm.	Scope is clearly defined in the Tender document. Bidder to follow Tender document.
21.	General		Barricading works	This being a Green Field project, we assume that barricading works is not related to this tender. Kindly confirm.	Scope is clearly defined in the Tender document. Bidder to follow Tender document.
22.	General		Hook – up	We assume that hook-up works is not related to the tender. Kindly confirm.	Scope is clearly defined in the Tender document. Bidder to follow Tender document.
23.	Cl. No. 02 page 5 of 19		Other Facilities	Kindly confirm the scope of work of other facilities as mentioned in the subject clause.	Other facilities is clearly defined in the Tender document. Bidder to follow Tender document.
24.	General		Drawing	Kindly furnish the plant layout drawing indicating the location of facilities / buildings and other works to be carried out as per this package.	Bidder to refer to plot plan included in the Tender
25.	General		Scrap Removal	Kindly confirm that all scraps (accountable and un-accountable) generated by the bidder shall be bidder's property and shall be removed by the bidder after work completion.	Scope for scrap removal is clearly defined in the Tender document. Bidder to follow Tender document.
26.	General		Commissioning	As this being a Civil and Structural package, Commissioning works other than for package items	Scope of Commissioning is clearly defined in the Tender document.

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				as per the scope mentioned shall not be in the scope of the bidder and release of payments shall in no way be related to commissioning of the terminal Kindly confirm	Bidder to follow Tender document.
27.	General		Technical Specifications	Request you to kindly remove / delete the documents which are not related to this package (viz. piping PMS, VMS etc.) or inform the documents which are not to be considered for this package.	All the documents attached are related to this tender.
28.	General		O&M works	We assume no O&M works is included in this package. Kindly confirm.	Bidder to follow Tender Document.
29.	General		Bid due date	As the subject tender contains supply and installation of package items and to optimise the design and engineering, we request you to kindly extend the date of submission of the bid till 23.04.2021 for preparation and submission of a competitive offer.	Refer Addendum-02
30.	-		-	Whether any facilities other than mentioned in the tender documents are likely to come? If so what are those	Bidder to refer the Tender document
31.	-		-	Whether any Mechanical job like piping/pumps/Equipment's are involved in this package?	Bidder to follow the Tender document

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32.	-		-	Whether OWS facilities including chamber, Piping are involve in in this package?	Bidder to follow the Tender document
33.	-		-	Supply and Installation of Corrosion Inhibitor, VRU Skid and foundation whose scope.	Bidder to follow the scope of work document
34.	-		-	Whether Road, & compound wall are to be constructed? If so, then what type of Road and what type of compound wall	Bidder to refer the Tender document
35.	-		-	Scope of work for TAG No.-13, 18, 21 & 27are not clear. Please clarify.	Bidder query not clear
36.	-		-	Specification of Admin Building	Bidder query not clear
37.	-		-	There is structural design details drawing of different facilities are available in the tender documents. Whether we can straightway follow said drawings and execute accordingly.	Bidder to note that attached drawings are tentative and for reference only. Bidder to follow Tender document.
38.	-		-	Construction Power and water whose scope.	Bidder to follow the Tender document
39.	-		-	As it is LSTK contract including design, supply and installation and we request you to extend the bid submission date at least by 30 days.	Refer Addendum-02

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40.	-		-	Statutory approval like PESO/OISD whose scope	Bidder to follow the Tender document
41.	-		-	Whether any space for labour hutment will be provided?	Bidder to follow the Tender document. No labour hutment shall be allowed inside project site.
42.	-		-	Whether boring for construction water is allowed at site?	Bidder to follow the Tender document
43.	-		-	What is the distance between BESCO Substation to BESCO Metering Terminal	Bidder to follow the Tender document
44.	-		-	Details of Terminal Feeder amount of power to be drawn- Load demand	Bidder to follow the Tender document
45.	-		-	BESCO Substation to BESCO Metering Terminal – Whether cabling is Underground/Above Ground,	Bidder to follow the Tender document
46.	-		-	Termination Feeder Details / Allocation. KV rating of bay where tapping of outgoing BESCO Substation.	Bidder to follow the Tender document
47.	-		-	Liasioning with BESCO / Approval – Whose scope?	Bidder to follow the Tender document

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48.	-		-	Statutory approval from CEA (Central Electrical Authority) –Whose scope	Bidder to follow the Tender document
49.			-	What is the capacity of STP & WTP? Whether supply of pumps & others mechanical equipment's required for WTP/STP are to be supply by Client.	Bidder to follow the Tender document
50.	-		-	Whether STP/WTP is the package unit?	Bidder to follow the Tender document

Bidders shall upload the copy of this document (Replies to pre-bid queries) along with the technical- commercial bid **duly DIGITALLY signed** as a token of having read and understood the same.