

**PRE-BID QUERIES for Providing Fire Protection & Detection System for Multi Modal Terminal at Haldia, West Bengal ;**  
**RFQ no:- IN-IWAI-336174-CW-RFB .. Virtual Pre-bid Held on 24.02.2023**

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1	<b>General</b>	<b>3</b>	IFB Page no. 3, column- 3- The bidder may submit bids for any or all of the works indicated there in" Please clarify the meaning of the particulars clause.	The bidder is to submit bids for whole works.
2	<b>Section-A Sl.3. - to Qualify for award.(g)</b>	<b>6</b>	In reference of the TENDER DOCUMENT page number – 6 and point number 3.g.” To qualify for award of the contract, the bidder: -“ you have asked for “liquid assets and/or credit facilities – Rs. 2.52 Crs”. In this case Certification of Chartered is require or not. – Please confirm.  Our Banker's shall issue a Bank Solvency Certificate to the tune or above amount what you have demanded as a Financial Condition requirement.	The Solvency Certificate to be issued by the Bank should meet the Tender Requirements
3	<b>Section-C, Technical Specification, A (scope of Work),1.1</b>	<b>38 of 77</b>	i) Please share us the material of construction for Hydrant pump & also inform us the type of water used for fire fighting System. ii) In preferred make 2 nos. pump vendor name is indicated for Hydrant Pump & all other pump. We request to you, please add another 1 no. pump vendor, so that atleast 3 nos. Pump vendor shall be available. iii) Please share us the preferred make for Electric Motor.	1. Material of construction shall be as per relevant CPWD Specification. 2. List of preferred makes are at the end. 3. Water source available are- Overhead Tank & Under ground reservoir.
	<b>Section-C, Technical Specification, A (scope of Work),1.1 A</b>	<b>38 of 77</b>	i) Please share us the material of construction for Sprinkler pump.	Material of construction shall be as per relevant CPWD Specification.
4	<b>Section-C, Technical Specification, A (scope of Work),1.1 B</b>	<b>38 of 77</b>	i) Please share us the material of construction for Water Curtain pump.	Material of construction shall be as per relevant CPWD Specification.
5	<b>Section-C, Technical Specification, A (scope of Work),1.2</b>	<b>39 of 77</b>	i) Please share us the material of construction for Diesel Engine fire water pump. ii) Please share us the detail specification for Diesel Engine. iii) Please share us the preferred make for Diesel Engine.	1. Material of construction shall be as per relevant CPWD Specification. 2. List of preferred makes are at Appendix-A
6	<b>Section-C, Technical Specification, A (scope of Work),1.3</b>	<b>39 of 77</b>	i) Capacity of Jockey Pump not found in the specification. Please share us the capacity of Jockey Pump. ii) Please share us the material of construction for Jockey Pump.	1. Capacity of Jockey pump shall be minimum 180 lit/min 2. Material of construction shall be as per relevant CPWD Specification.
7	<b>Section-C, Technical Specification, A (scope of Work),1.4</b>	<b>39 of 77</b>	i) Preferred make for Fire Pump Control Panel is not available in the specification. Please confirm that any CPRI approved Panel manufacturer can be considered as the preferred vendor. ii) 100 HP is indicated in the Fire Pump control Panel specification. Please elaborate in detail iii) 415V, 3 phase AC power required for Fire Pump Control Panel. We understood that Power Cable required from Client distribution board to Fire pump control panel location is in our scope of work. Please confirm. iv) Also, please confirm the distance from the client distribution board to Fire Pump Control Panel location for calculating the Power Cable requirement.	1. Approximate distance between distribution board to fire pump control panel is 800m. 2. Specification is to be finalized after detailed design of the system by the contractor 3. Power cable is to be considered from Substation-01 to Pump House 4. <b>List of preferred makes are at Appendix-A</b>
8	<b>Section-C, Technical Specification, A (scope of Work),1.6</b>	<b>39 of 77</b>	Please share us the material of construction for butterfly valve.	Material of construction shall be as per relevant CPWD Specification.

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9	<b>Section-C, Technical Specification, A (scope of Work),1.8</b>	<b>39 of 77</b>	Please share us the material of construction for Y- Strainer.	Material of construction shall be as per revelant CPWD Specification.
10	<b>Section-C, Technical Specification, A (scope of Work),1.17</b>	<b>40 of 77</b>	i) Please share us the material of construction for Four-way fire brigade inlet connection. ii) In preferred make two nos. vendor name is indicated. We request to you, please add another one vendor name, so that atleast 3 nos. vendor name shall be available.	1. Material of construction shall be as per revelant CPWD Specification. 2. List of preferred makes are at Appendix-A
11	<b>Section-C, Technical Specification, A (scope of Work),1.18</b>	<b>40 of 77</b>	i) Please share us the material of construction for Two-way fire brigade draw-out connection. ii) In preferred make two nos. vendor name is indicated. We request to you, please add another one vendor name, so that atleast 3 nos. vendor name shall be available.	1. Material of construction shall be as per revelant CPWD Specification. 2. List of preferred makes are at Appendix-A
12	<b>Section-C, Technical Specification, A (scope of Work),1.19</b>	<b>40 of 77</b>	i) Please share us the material of construction for foot valve. ii) In preferred make two nos. vendor name is indicated. We request to you, please add another one vendor name, so that atleast 3 nos. vendor name shall be available.	1. Material of construction shall be as per revelant CPWD Specification. 2. List of preferred makes are at Appendix-A
13	<b>Section-C, Technical Specification, A (scope of Work), 2.1</b>	<b>40 of 77</b>	i) In preferred make two nos. vendor name is indicated for Hydrant Valve & accessories. We request to you, please add another one vendor name, so that atleast 3 nos. vendor name shall be available.	List of preferred makes are at Appendix-A
14	<b>Section-C, Technical Specification, A (scope of Work), 4.2</b>	<b>43 of 77</b>	i) Please share us the material of construction for Water Curtain. ii) In preferred make two nos. vendor name is indicated. We request to you, please add another one vendor name, so that atleast 3 nos. vendor name shall be available.	1. Material of construction shall be as per revelant CPWD Specification.
15	<b>Section-C, Technical Specification, A (scope of Work), 4.3</b>	<b>43 of 77</b>	Please share us the material of construction for Deluge Valve.	2.List of preferred makes are at Appendix-A
16	<b>Section-C, Technical Specification, A (scope of Work), 4.7</b>	<b>43 of 77</b>	i) In preferred make two nos. vendor name is indicated. We request to you, please add another one vendor name, so that atleast 3 nos. vendor name shall be available.	
17	<b>Section-C, Technical Specification, A (scope of Work), 5.3</b>	<b>43 of 77</b>	i) We request to you, please include UL/FM/EN/VDS approved Fire Detection & Alarm System Panel & accessories manufacturer in preferred make. ii) 240V, single phase AC power required for Fire Alarm Panel. We understood that Power Cable required from Client distribution board to Fire alarm panel location is in our scope of work. Please confirm. iii) Also, please confirm the distance from the client distribution board to Fire Alarm Panel location for calculating the Power Cable requirement.	1. Material of construction shall be as per revelant CPWD Specification. 2. List of preferred makes are at Appendix-A
18	<b>Section-C, Technical Specification, A (scope of Work),6.1</b>	<b>44 of 77</b>	i) We understood that only under ground Pump room is in our scope & Fire water reservoir is not in our scope of work. Please confirm. ii) Please share us the detail specification of Civil work. i.e. RCC & PCC grade & thickness.	Under ground Pump room is in the scope of the bidder. Semi-underground with RCC Construction up to ZERO Level and brick construction with RCC frame structure in above ground with RCC Roof top slab. RCC pedestal to be considered should be of Grade M30 Material of construction & detailed specifications of Civil Works for RCC & PCC shall be as per revelant CPWD Specification.
		<b>61</b>	There is a items in BOQ- Civil Part -Construction of underground Fire Pump House of Size: 10 mtr. X 6.0 mtr. X 4.0 mtrs along with rolling shutter and windows. Shall we presume it to be semi-underground with RCC Construction up to ZERO Level and brick construction above ground with RCC Roof top slab. Kindly clarify	
	<b>Section-C, Technical Specification, A (scope of Work), 6.2</b>	<b>61</b>	BOQ S.No. 6.2 (Civil) Pedestals shall be of RCC or PCC or Bricks with Cement Mortar plastering and its end utilisation.	

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19	Section-C, Technical Specification, A (scope of Work), 7.1	44 of 77	We understood that during installation of Sprinkler & Fire Detector, if damage occurred in false ceiling, repairing & replacing false ceiling for the damage portion is in our scope of work. Please confirm.	Confirmed.
20	(scope of Work), 7.2	45 of 77	We understood that during installation of Hydrant Pipe, Sprinkler Pipe & Water Curtain Pipe at the road crossing, cutting & repairing of road is in our scope of work. Please confirm.	
21	Section-C, Technical Specification, A (scope of Work), 8.1	45 of 77	i) In preferred make one no. vendor name is indicated. We request to you, please add another two vendor name, so that atleast 3 nos. vendor name shall be available. ii) Please share us the MOC & detail specification for 2500 cfm Axial Fan.	1. Material of construction shall be as per revelant CPWD Specification. 2. List of preferred makes are at the end. 3. As per manufacturer specification. Frame should be Die-casting Aluminium Alloy with black aniti corrosion & anti oxidization paint and included Bird-cage
22	Section-C, Technical Specification, A (scope of Work), 8.2	45 of 77	ii) We understood that Power Cable required from Client distribution board to exhaust Fan Panel location is in our scope of work. Please confirm. iii) Also, please confirm the distance from the client distribution board to Exhaust Fan Panel location for calculating the Power Cable requirement.	1. All associated Power cables are in the scope of Bidder. 2. From Sub station 02 to Pump House, approximate 50m distance
23	Section-C, Technical Specification, A (scope of Work), 2.3	52	BOQ S.No. 2.3 I.S. No. of RRL Hose is IS:636 and not IS:8432. Fire Shield does not manufacturer RRL Hoses. So if another make such as BRG/ NewAge is included. Kindly confirm.	1. Material of construction shall be as per revelant CPWD Specification. 2. List of preferred makes are at Appendix-A
	Section-C, Technical Specification, A (scope of Work), 2.9	54	BOQ S.No. 2.9 (a) Landing Valves have flange dia of 80 mm-so Buttrfly Valves shall be of 80 mm size.	The detailed design to be done by contractor & as per site requirements.
24	Section-C, Technical Specification, A (scope of Work), 3.6	57	BOQ S.No. 3.6 Fire Shield does not make 1.C. Valve so , if another make such as NewAge/ HD is included. Kindly confirm.	1. Material of construction shall be as per revelant CPWD Specification. 2. List of preferred makes are at Appendix-A
25	Section-C, Technical Specification, A (scope of Work), 3.10	58	BOQ S.No. 3.10 preferred make given in BOQ - do not manufacturer Air Vessel. It is fabricated locally with Pressure Test Certificate	
26	Section-C, Technical Specification, A (scope of Work), 5.1	59	BOQ S.No. 5.1- Fire Alarm System -20Cx 1.5 sq. mm Armoured Cable cannot be dravwn in PVC Conduit Pipes. Either the Amoured Cable will be naked or flexible wire shall be drawn through PVC Conduit Pipes.	Flexible wire shall be drawn through PVC Conduit Pipes.
27	Section-C, Technical Specification, A (scope of Work), 5.2 AND 5.10	59	BOQ S.No. 5.2 & 5.10-Is S.No. 5.2 is for Fire Alarm Systems and S.No. 5.10 for P.A. System. Kindly confirm.	Confirmed.
			IF P.A. System is to be installed The Amplifier of appropriate wattage with console is required	

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28	<b>Final Tender document for Fire Fighting system at MMT Haldia - ARTICLES OF AGREEMENT , 3.1 - Payments under the contract</b>	66	In reference of the tender "Payment terms" where it's implied under works contract, hence payment against supply and payment against installation / erection, etc.. requesting for further re-view and confirm.	<b>Refer Bill of Quantities /Material at Appendix-B.</b> This Appendix shall be duly filled in and uploaded in portable document format (.pdf) at the <b>On-line Finance Bid Envelope.</b> <i>The Total stated the Appendix-B. in the .pdf sheet should tally with the figures stated in the On-Line .Xls BOQ sheet format. As</i> <b>1. Sum of Supplies</b> <b>2. Sum of Erection.</b> <b>3. GST Amount.</b>
		66 - 67	Request to consider payment for Supply Items and Erection of Equipments on Pro Rata Basis as per approved BBU/Item Supply Schedule.	
			At one places it is mentioned that the quoted rates should be inclusive of all Taxes & levies. But on the Summery sheet it is mentioned that Supply items, Installation charges are to be quoted separately in lump sum and then Taxes & levies are to be included. So hence, please clarify.	
29	<b>Final Tender document for Fire Fighting system at MMT Haldia - ARTICLES OF AGREEMENT , 5 - Completion time</b>	67	Kindly Confirm whether the time duration of 90 days is for complete supply and Erection. The time given for completion in the Tender documents is very short. May it be extended as per the site conditions and availability of clear passage. Kindly contirm	90 days completion time includes obtaining NOC from WBF&ES within 90 days.
30	<b>General</b>	47	Please confirm that the quantity mentioned in 'Bid No. IN-IWAI-336174-CW-RFB, Section-C, Technical Specification, C (Bill of Materials), Quantity mentioned per items are minimum to be provided or the same shall be as per detail engineering, since the tender is a lump sum basis tender.	Quantity mentioned in the BOQ are indicative. Final quantity will be considered after Detailed design
31	<b>General</b>		Please confirm that construction power & water shall be issued as free or charges for the same shall be beared by vendor.	Confirmed. Construction power & water will be provided.
32			With the tender you have provided drawing in PDF fi le, which are request to issue AutoCAD file for properesti mati on of BOQ and subsequently cost estimation.	Auto Cad file will not be possible - can be rechecked during site visit.
33	<b>Section-A Sl.13. - Performance Security</b>	13	Performance Security/EMD and Tender document fess is it exempted for MSME certificate holder? Please clarify the same. Since we fall under MSME category & We have Udyam Aadhar registration, as per the Central Govt. norms we are supposed to be exempted from Earnest Money Deposit (EMD). Kindly clarify Request to consider 3% performance security as per memorandum issued by the Govt Of India.	Tender conditions prevail
34	<b>General</b>		As per the site conditions will we be provided accommodation facility for our erection personnel and secured space for storing the materials at site. Kindly confirm.	Materials and equipment may be stored at site. However, Contractor is to establish accomodation facilities of his own.
35	<b>General</b>		We would request to provide Electricity and Water for fabrication and Testing of Hydrant & Sprinkler System. Kindly confirm.	Will be provided on the Chargeble rates as per CPWD Rules

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36	<b>General</b>		As regards BOQ items, do we have to follow the Technical specification as stipulated in CPWD specification sheets.	Yes ; the Material of construction shall be as per relevant CPWD Specification.
37	<b>General</b>		Kindly let us know the name, Designation & Contact No. of the person available at Haldia site to be contacted during site inspection by our Engineers before submitting Tender.	The Contact Persons at: A. MMT-Haldia Site: Sh. Somen Saha, Resident Engineer, TSSC-II (90134 23979) B. IWAI Kolkatta Office Sh. Arvind Kumar, Director(i/c), IWAI, Kolkata akumar.iwai@nic.in; dirkol@iwai.gov.in 89021 59698