

**Minutes of the Pre-Bid Meeting held on 21<sup>st</sup> June 2024 in 9<sup>th</sup> Floor Conference Hall,  
SPMU, WBMIFMP, Jalsampad Bhavan, Salt Lake City, Kolkata – 700 091  
in connection with the work:**

**Distributed PLC based SCADA Canal Gate Automation Project under West Bengal Major Irrigation & Flood Management Project; Package No. IRR-15 - comprising of two lots.**

**Lot-1: Design Build Supply installation trial run and commissioning of PLC based RTU local automation system of electro-mechanical DV irrigation canal gates at 44 locations of head and cross regulators of LBMC & RBMC inclusive of 14 locations of adjacent Navigation loop canals of LBMC along with commissioning of all hardware and software to set up a viewing station at Sonamukhi, Bankura and an Integrated Command Control Centre at Kanainatsal, Purba Bardhaman, RFB No. WBMIFMP/PD/NCB/24-25/IRR15/L1; Tender ID: 2024\_IWD\_689681\_1.**

**Lot-2: Design Build supply installation trial run and commissioning at site of Canal water level measurement systems at 44 locations and Discharge measurement systems at 8 locations of LBMC and RBMC, RFB No. WBMIFMP/PD/NCB/24-25/IRR15/L2; Tender ID: 2024\_IWD\_689681\_2.**

The meeting started at 2:00 pm on 21/06/2023 with Shri A. Ghosh, Superintending Engineer & Additional Project Director-II, SPMU, WBMIFMP, Irrigation & Waterways Directorate, Govt. of West Bengal on Chair.

At the onset, the SE & APD-II appraised the bidders about the Bid Securities, Affidavit regarding correctness of information along with different clauses of ITB & BDS, brief description about the work, different components of Work and Contractor's ESHS-MSIP of Bid Document.

The queries received by e-mail and raised verbally by the bidders were addressed during this Pre-Bid meeting.

It was reiterated that 'Minutes of Pre-Bid meeting' would be duly uploaded in wbtenders.gov.in portal, **though it would not be a part of the Contract Document.**

List of queries by the potential bidders received through e-mail and also the issues/queries raised verbally by them during the Pre-Bid meeting along with the responses of the client (I&WD) thereof are enclosed herewith as Annexure-I.

Enclosure: Annexure - I (Queries & Responses)



(D. Sengupta)  
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**LIST OF QUERIES FROM POTENTIAL BIDDERS ALONG WITH RESPONSES OF IWD FOR WBMIFMP/PD/NCB/24-25/IRR15 Dated 07/06/2024**

(Tender ID: 2024\_IWD\_689681\_1; 2024\_IWD\_689681\_2)

Sl. No.	Clause Reference & Page No.	Bidder's Queries / Issues	Replies of the Department
(1)	(2)	(3)	(4)
1.	<b>Payment Terms</b> Under <b>GCC section</b> <b>D. Cost Control</b>	<p>The payment terms mentioned in bid document are not <b>clear and confusing and don't give clear idea</b> about the release of payment according to the project work status.</p> <p>We request you to please clarify the Payment terms in step wise manner to fulfil 100% payment in a way that bidder should clearly understand the same.</p> <p>As per terms of payment there is mention about 50% payment to be released after delivery of goods but there is no mention about remaining 50% payment and its milestones.</p> <p>Request to clarify the same.</p>	<p>Please Refer to PCC to GCC Clause 45 at Page-334 of the Bid Document.</p> <p>Part Payment on items involving Design, Supply, Installation &amp; Commissioning shall be allowed upto @ 50% of the total BOQ rate, on completion of supply. These BOQ items are shown below: Lot-1: 1.00, 2.00, 4.00, 5.00, 7.00, 8.00, 9.00, 10.00, 11.00, 12.00, 13.00, 15.00, 16.00, 17.00 &amp; 23.00. Lot-2: 1.00 &amp; 2.00.</p> <p>Upon supply of material &amp; acceptance by EIC/PM at site, upto 50% of the procurement cost would be released. Thereafter, monthly running account bill payments may be made upon raising of such bills fulfilling the RFB criteria mentioned in PCC to GCC clause 44.1 at Page-334 of the Bid Document subject to acceptance &amp; approval of EIC till final commissioning.</p> <p><i>"No change to the Bid document provisions as issued"</i>.</p>
2.	<b>Retention Money</b> Under <b>GCC section 50.1 and 50.2</b>	<p><b>Retention Money:</b> As per GCC 50.1, maximum retention money is 7.5% of final contract price while, As per GCC 50.2, additional retention money of 3.75% of final contract price is proposed as BG. Does that mean total retention money is 7.5% + 3.75% = 11.25%? Or, it means initial 7.5% retention money will be released against 3.75% of BG? Please clarify.</p>	<p>As per PCC to GCC Clause 50.1 at Page-337 of the Bid Document, the proportion of payments retained (Retention Money) shall be 8% from each bill subject to the maximum of <b>7.5% of final contract price</b>.</p> <p>Also please refer to Clause GCC 50.2 at Page-315 of the Bid Document, which states that <i>"Upon the issue of a Certificate of Completion of the Works by the Project Manager, in accordance with GCC Sub-Clause 57.1, half the total amount retained shall be repaid to the Contractor and half when the Defects Liability Period has passed and the Project Manager has certified that all Defects notified by the Project</i></p>

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			<p><i>Manager to the Contractor before the end of this period have been corrected".; i.e Retention money of 3.75% of the final contract price would be released after completion of the Defect liability period and Project Manager has certified that all Defects notified by the Project Manager to the Contractor before the end of this period have been corrected</i></p> <p><b>For the Balance Retention Money of 3.75% of the final contract price, as per PCC to GCC Clause 50.2, "On completion of the whole work, the Contractor should substitute the balance retention money (3.75% of the final contract price) with an 'on demand' Bank Guarantee." in favour of the Executive Engineer, Burdwan Irrigation Division, Kanainatsal, Purba Bardhaman.</b></p> <p><i>"No change to the Bid document provisions as issued".</i></p>
3.	<p><b>Performance Security</b> <b>GCC section 54.1</b> "The Performance Security amount is eight (8%) percent of accepted Contract Amount plus ten percent (10%) of the accepted Contract Amount as additional security for unbalanced bids [in terms of ITB Clause 41.2, and plus Environmental Social Health and Safety (ESHS) Performance Security amount is two (2%) percent of the accepted Contract Amount."</p>	<p><b>Performance Security:</b> As per GCC 54.1, Does it mean total 20% of performance security will be required for unbalanced Bid? Please clarify. For unbalanced bid, performance security shall be asked for difference amount only and not on total accepted contract amount. Kindly clarify.</p>	<p>As per PCC to GCC clause 54.1 at Page-338 of the Bid Document, upto 20% of the final Contract price will be required as Performance Security in the form of BG for unbalanced bid.</p> <p>The Bidders are requested to refer to ITB Clause 41.1 &amp; 41.2 at Page 30 &amp; 31 of the Bid document for details related to the Additional security for unbalanced bids.</p> <p><b>Unbalanced Bid will be determined on the basis of approved Departmental Engineer's Estimate, which cannot be disclosed as per Tender provisions.</b></p> <p><i>"No change to the Bid document provisions as issued".</i></p>
4.	<p><b>BoQ : Excel sheets vide name</b> <b>BOQ_1502125.xls</b> <b>BOQ_1502140.xls</b></p>	<p>In BoQ excel sheet, bidder has asked to enter the Basic unit price and Total amount without taxes and amount with taxes is calculated automatically. It is observed that both the prices i.e. without taxes and with taxes remains same. We request you make the changes to</p>	<p>Please refer ITB Clause 14.7 at Page 19 of the Bid document: <i>All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the deadline for submission of Bids, shall be included in the rates and prices and the total Bid price submitted by the Bidder.</i></p>

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		<p>show the Tax amount separately which will make the Tax liability calculations simpler.</p> <p>Also, as per the general practice, Invoice has to be prepared with total amount and GST has to be calculated on entire amount. Employer has to pay the GST amount in full as per the government norms. Hence mentioning GST/Tax amount separately will ease the tax compliances.</p>	<p><b>The rates quoted by the Contractor shall be deemed to be inclusive of all taxes that the Contractor will have to pay for the performance of this Contract.</b></p> <p>In this connection PCC to GCC clause 47 at Pages-314 &amp; 335 of the Bid Document also may be referred to.</p> <p><i>"No change to the Bid document provisions as issued".</i></p>
5.	<p><b>Eligibility &amp; Qualification Criteria 4.2 (c)</b>  <b>Specific Experience in Managing ES aspect</b>  <b>"For the contracts in 4.2 (a) above and/or any other contracts [substantially completed and under implementation] as prime contractor, joint venture member, or Subcontractor between 1st April 2016 and Application submission deadline, experience in managing ESHS risks and impacts as delineated in Table E.I(C-ESMP) under Section – VII particularly on Silt management plan, Construction camp management plan, traffic management plan, C&amp;D waste management plan, labour management plan, HIV/AIDS, gender target etc."</b></p>	<p>This project work is not a labour-intensive project and does not require much of civil constructions work at site. It also not requires establishing labour camps or construction camps at site. This is a project of supply, installation, testing &amp; commissioning of electronic equipment where all of the equipment and instruments are manufactured, tested at factory and supplied for installation at site.</p> <p>Generally, these types of registrations are available with Civil/Infrastructure related Companies. For Automation projects, Silt management plan, Construction camp management plan, traffic management plan, C&amp;D waste management plan, labour management plan is not required and not available with bidders working in this sector which is unnecessarily restricting the competition.</p> <p>These eligibility criteria will reduce the possibility of participating experienced bidders in Instrumentation field who have enough capability and expertise of actual requirement of Instrumentation projects.</p> <p>Considering this, criteria of specific experience of such Management work is not required for this kind of project and hence we request you to remove this clause from Eligibility and Qualification Criteria.</p>	<p>The ESHS Appendices are not only required for civil construction works, but also for all other works as per World Bank norms.</p> <p><i>"No change to the Bid document provisions as issued".</i></p>

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6.	<b>LOT 1: Network Switch</b>	We request you to amend the list by adding the <b>D-Link</b> make as reputed manufacturer.	The client's recommended make list does not allow inclusion of D-Link  <i>"No change to the Bid document provisions as issued".</i>
7.	<b>LOT 1: SMPS</b>	We request you to amend the list by adding the <b>Rishabh, Shavison</b> make as reputed manufacturers.	The client's recommended Make list does not allow inclusion of Rishabh, Shavison  <i>"No change to the Bid document provisions as issued".</i>
8.	<b>LOT 1: LAN Cable (CAT 6)</b>	We request you to amend the list by adding the <b>D-Link</b> make as reputed manufacturer.	The client's recommended make list does not allow inclusion of D-Link  <i>"No change to the Bid document provisions as issued".</i>
9.	<b>LOT 2 : Acoustic Doppler Current Profiler (ADCP)</b> for rating curve at 44 locations as specified in Bid Document.	ADCP has a major cost component and profiling at 44 locations, twice a year is a very costly component. We request you to modify/amend the requirement to provide the ADCP by the employer considering the number of locations and quantity of work.	ADCP is required to be rented, hired or even procured by the bidder for this project as per need and not provided by the client. Such cost of hiring or procurement of suitable ADCP is to be included in the items bid prices.  <i>"No change to the Bid document provisions as issued".</i>
10.	<b>LOT 2 : Non-contact Radar type surface velocity Transmitter (SVR)</b>	As per the list of approved make, only Sommer, Hach OTT and Geolux are mentioned. There are many other manufacturers who are competitive in terms of quality, specifications and cost. Also, the performance liability lies with the successful bidder, hence we request you to modify it with equivalent so that other manufacturers or makes can be offered making this bidding procedure more competitive.	The client's recommended make list does not allow inclusion of other Makes.  <i>"No change to the Bid document provisions as issued".</i>
11.	<b>LOT 2 : Data Logger</b>	Mechatronics has its own Data logger with brand name <b>MECH ML series</b> , designed and developed indigenously. These data-loggers are already in Market from last 20+ years and we have installed more than 3000+ data-loggers all over India under NHP. These	The Approved Make List for <b>Lot-2</b> for Data logger is being modified by adding <b>Mechatronics Make</b> at Page-239 of the Bid document in addition to the Makes already mentioned.

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		data-loggers are already approved under NHP and shall be considered for this project also. We request you to modify the approved list of Makes by adding <b>Mechatronics</b> so that we can offer these <b>Data-logger</b> developed and manufactured in INDIA. Product Brochure of the same is enclosed here with.	<i>"Necessary Corrigendum/Addendum is being issued shortly"</i>
12.	<b>LOT 2 : Surge Protection Device</b>	We request you to amend the list by adding the <b>MTL</b> make as reputed manufacturer.	The Approved Make List for <b>Lot-1 and Lot-2 for SPD</b> is being modified by adding <b>MTL(Eaton)</b> Make at Page-219 (Sl. 5), Page- 220 (Sl.6) and Page 239 (Sl.4) of the Bid document in addition to the Makes already mentioned.  <i>"Necessary Corrigendum/Addendum is being issued shortly"</i>
13.	<b>LOT 2 : SMPS</b>	We request you to amend the list by adding the <b>Rishabh, Shavison</b> make as reputed manufacturer.	The client's recommended make list does not allow inclusion of Rishabh & Shavison  <i>"No change to the Bid document provisions as issued"</i> .
14.	<b>LOT 2 : Instrumentation Cables</b>	We request you to amend the list with adding the <b>Havells, KEI</b> make as reputed manufacturer.	The Approved Make List for <b>Lot-2</b> for Instrumentation Cables is being modified by adding <b>Havells</b> and <b>KEI</b> Makes at Page-239 of the Bid document in addition to the Makes already mentioned.  <i>"Necessary Corrigendum/Addendum is being issued shortly"</i> .
15.	<b>Page No. 231 - Radar Frequency Type - W 80 GHz</b>	Our Radar Level Sensor has 24 GHz which meets the range as well as accuracy. Our Radar Level Sensors are being used various Govt. customers like CWC, BBMB, State Water Resources Departments etc. We request you to kindly accept 24 GHz model too. Please confirm.	Radar Frequency Type <b>24GHz/26GHz of K Band</b> for Water Level Sensors is being included at Page No. 231 of the Bid Document in addition to the original specification.  <i>"Necessary Corrigendum/Addendum is being issued shortly"</i> .

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16.	<b>Page No. 232 - manual and commander software on USB stick</b>	Every OEM has their own software used for calibration of system & calculation of K-factor. "Commander Software" is from some specific OEM. We have our own software which will be provided on USB Stick. Request you to kindly modify it to OEM specific. Please confirm.	The Commander Software or Equivalent Software is being allowed at Page No. 232 of the Bid Document.  <i>"Necessary Corrigendum/Addendum is being issued shortly".</i>
17.	<b>Page No. 234 under Specification Sheet. No. TS/LOT2/WBMIFMP/02</b>  <b>Accuracy - 0.01m/s:</b>	Accuracy of overall discharge depends on various factors, like proper profiling of cross-section & calibration using ADCP etc. Therefore, we request you to kindly accept the velocity measurement accuracy as 2% of reading. This will increase the competitive bidding. Please confirm.	We may not agree to compromise on accuracy.  <i>"No change to the Bid document provisions as issued".</i>
18.	<b>Page no. 219, Sl. No. 6 under approved make list of components for lot-1.</b>	We request you to amend the list with adding the Siemens make as reputed manufacturer.	The Approved Make List for <b>Lot-1 for GSM/GPRS LTE Router</b> is being modified by adding Siemens Make at Page-219 of the Bid document in addition to the Makes already mentioned.  <i>"Necessary Corrigendum/Addendum is being issued shortly".</i>
19.	<b>Page no. 157, Wireless 4G/LT Router</b>	We request you to clarify whether dual SIM in single modem to be used or there will be two modems for two SIMs.	There will be redundant modems for two different SIMs at each location.  <i>"Necessary Corrigendum/Addendum is being issued shortly".</i>



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