

PRE-BID MEETING HELD ON 07/11/2017 AT CONFERENCE HALL, 1ST FLOOR, NARMADA TAPI BHAWAN, NTBO, CWC, GANDHINAGAR W.R.T. THE WORK FOR "Supply, Installation, Testing, Commissioning and Maintenance of real - time data acquisition network at 10 stations for monitoring the live storage in reservoirs through sensors, its transmission in real time basis for processing at Earth Receiving Station and modelling centres including necessary systems complete with hardware, software and other peripherals on turnkey basis for collection, transmission and processing of live storage reservoirs data through INSAT and GSM based telemetry and associated systems including all equipments, hardware, software and peripherals and civil construction work for installation of system at sites, along with a comprehensive warranty of two years and comprehensive maintenance for five years after the expiry of the warranty period under Narmada & Tapi Basin Organisation of CWC, Gandhinagar in the states of Gujarat, Rajasthan & Maharashtra".

NIT No. CWC/13/2017-18/MD/GNR

Dated: 25-10-2017

A.) MECHATRONICS SYSTEM S P VT. L TD, “MECHATRONICS HOUSE” Survey No.107, Warje, Mumbai B'lore Highway, Pune – 411052

S. no.	Tender page no.	Tender Clause no.	Regarding	Query	Reply / Modified Clause
01	Pg no. 10 of 94	Clause no. 18 of CPWD-7/8	EMD	As EMD in form of BG also has equal liability on par with DD/FDR, kindly allow 100% EMD by BG, irrespective of value & not limited to 50% BG & 50% by FDR/DD.	The Terms & Conditions given in Tender document shall prevail.
02	Pg no. 33 of 94	Clause no. 14.10.1 Additional Conditions during Warranty and AMC period	In addition the Contractor shall make suitable arrangement to ensure that it's representative mandatorily visit each telemetry station once in a month and submit a certified report of matching telemetry data with the manual data, which shall be duly certified by the concern JE/SDE.	As the equipments installed are highly reliable in nature, submission of a certified report of matching telemetry data with the manual data can be submitted in case the data is beyond permissible limits or else once in a year.	The Terms & Conditions given in Tender document shall prevail.
03	Pg no. 33 of 94	Clause no. 14.10.11 Additional Conditions during Warranty and AMC period	Dismantling and reinstallation of any Telemetry equipment of any site for whatsoever reason will be done free of cost by the Contractor as per the direction of Engineer-in – charge.	As the same incurs huge costs, request you to consider maximum such instances limited to cumulative nos. of sites, which is 10 nos. in this case for total dismantling & reinstalling, to cover all reasons. Any count beyond the same, to be paid @Rs. 15000/- per site.	Dismantling and reinstallation of any Telemetry equipment of any site for whatsoever reason (except shifting from one location to other location) will be done free of cost by the Contractor as per the direction of Engineer-in – charge.
04	Pg no. 34 of 94	Clause no. 16. Payment terms	As per this Tender, payment terms are; Forty (40) % of the Contract price excluding AMC charges shall be paid	We request you to consider standard CWC payment terms, also per earlier issued CWC GNR Tender with suggestions in dark as under:	The Terms & Conditions given in Tender document shall prevail.

			after the successful commissioning and the balance 60% of the cost together with O&M and communication over the balance period (7 years).	Ten (10) % of contract price excluding AMC charges mobilization advance against bank guarantee, which shall be released after successful completion of 2 years of Warranty and 5 years of AMC. Fifty Five (55) % of the Contract price excluding AMC charges shall be paid after the issue of completion certificate, (The same to be released on prorata basis per site completion to avoid any delay due to non-readiness of any site.) Balance Thirty Five (35) % of the Contract price excluding AMC charges shall be paid @ 5% every year AFTER each year of successful running of contract including 2 years of warranty and 5 years of AMC. (Balance 35% of Contract price to be released @ 17.5% after each warranty year. You already have 5% PBG of total Contract cost plus 5% security deposit of AMC cost till the end of AMC period.) The AMC charges can be paid prorated quarterly for the next 5 yrs.	
05	Pg no. 41 of 94	Clause no.2	Penalty clause due to any delay in services.	The penalty deductions if any during warranty & AMC period should not exceed 10% of the AMC cost during the total cumulative warranty + AMC period.	The Terms & Conditions given in Tender document shall prevail.
06	Pg no. 48 of 94	Table B. Details of Spares & Consumables	In Spares list no. 3, you have asked for 10 pairs of Solar panel Assembly with Solar panel mounting.	As Spares required would be max. 10% of supplied equipments, the same would be only one quantity pair required	"02 sets of Solar Panel Assembly with Solar panel mounting" may be read in place of "10 pairs of Solar panel Assembly with Solar panel mounting".

07	Pg 50 of 94	Technical Specifications. Point no.1 General	The Technical Specification covers the Contract for the installation of the telemetry system in different Dam /Reservoir in Narmada & Tapi Basin Organisation, CWC, Gandhinagar as specified including Earth Receiving Station, which shall be able to receive data from INSAT/Kalpana (INSAT 3A) data relay transponder as well as DRT of future SAT systems, instrumentation and associated Data Collection Units (DCUs). Further, the transmission should also be in GSM mode, allowing receiving of data from remote DCU to the specified mobile numbers.	As all DCU units are communicating through INSAT transmitter to Earth Receiving Station provision of GSM Modem at each DCU to transmit the data to specified mobile numbers. Instead we provide related data from ERS or Regional stations where all the data is available which collected from all the remote station can be transmitted to specified mobile numbers over GSM network. Will it be acceptable? Please Clarify. As regards to the recurring charges for GSM SIMs and INSAT Licence Fees please clarify, who will bear these charges? Is there any waiver for INSAT License Fees as the system is for the bonafied use of Government?	Conditions given in Tender document shall prevail. SIM card shall be arranged by the Contractor with necessary assistance from the Department and the recurring charges shall be paid by the contractor which shall be reimbursed by the Department. INSAT licence fee is not the responsibility of vendor and the same shall be borne by the department.
08	Pg no. 67 of 94	Clause no. 6.2. Batteries	One battery pack shall be provided for each DCU. The batteries pack provided shall have adequate capacity to sustain the maximum sized DCU configuration of sensors and telemetry equipment for a period of 60 days of continuous operation at the frequency of one observation per hour per sensor and one transmission per hour on a 24-hourly basis. This capacity shall be available at the end of second year of continuous operation	As battery capacity of 60 days continuous operation shall increase the battery size to a very large one, which would incur unnecessary space & cost. Kindly consider the same for 30 days, as it would be more than appropriate.	One battery pack shall be provided for each DCU. The batteries pack provided shall have adequate capacity to sustain the maximum sized DCU configuration of sensors and telemetry equipment for a period of 30 days of continuous operation at the frequency of one observation per hour per sensor and one transmission per hour on a 24-hourly basis. This capacity shall be available at the end of second year of continuous operation.