



भारत सरकार
GOVERNMENT OF INDIA
केन्द्रीय जल आयोग
CENTRAL WATER COMMISSION
सिक्किम अन्वेषण मंडल
SIKKIM INVESTIGATION DIVISION
तादोंग, गान्तोक (सिक्किम)
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File No. SID/DB-7(2)/2019-20/971-75

Dated. 16.09.2019

To,
Shri S.T.A Shoaib
Engineer,
ASTRA Microwave Products Limited,
Hyderabad

Subject: - Summary records of pre-bid conference held on 11.09.2019 on clarifications/replies of the written queries received from the bidders regarding Tender for **"Supply, Installation, Testing, Commissioning and Maintenance of real-time data acquisition networks at 8 Nos. of Water Level & Meteorological Stations (WL&MS) and 19 Nos. of Meteorological Stations (MS) under Sikkim Investigation Division in the State of Sikkim"** -reg.

Ref: - AMP/MSD/CWC-SIKKIM/2019-2020 Dt: 07.09.2019

With reference to the subject matter, please find enclosed the summary records of pre-bid conference held on 11.09.2019 on clarifications/replies of the written queries received from the bidders regarding Tender for **"Supply, Installation, Testing, Commissioning and Maintenance of real-time data acquisition networks at 8 Nos. of Water Level & Meteorological Stations (WL&MS) and 19 Nos. of Meteorological Stations (MS) under Sikkim Investigation Division in the State of Sikkim"** for your kind reference please.

A copy of the same has already been uploaded on the Central Public Procurement (CPP) Portal.

Yours Sincerely,

[Signature] 16/9/19

Executive Engineer,
Sikkim Investigation Division,
CWC, Gangtok, Sikkim

Copy for kind information to:

1. Chief Engineer, TBO, CWC, Kolkata.
2. Director, SMD Dte. CWC, New Delhi - with a request for uploading on CWC website.
3. Superintending Engineer (C), TBO, CWC, Kolkata.
4. Superintending Engineer, Investigation Circle, CWC, Gangtok

Summary records of pre-bid conference held on 11.09.2019 on clarifications/replies of the written queries received from the bidders regarding Tender for "Supply, Installation, Testing, Commissioning and Maintenance of real-time data acquisition networks at 8 Nos. of Water Level & Meteorological Stations (WL&MS) and 19 Nos. of Meteorological Stations (MS) under Sikkim Investigation Division in the State of Sikkim".

The pre-bid meeting of Tender for "Supply, Installation, Testing, Commissioning and Maintenance of real-time data acquisition networks at 8 Nos. of Water Level & Meteorological Stations (WL&MS) and 19 Nos. of Meteorological Stations (MS) under Sikkim Investigation Division in the State of Sikkim" was held on 11.09.2019 in the office of the Executive Engineer, SID, CWC, Gangtok. The list of participants who attended the meeting is enclosed at Annexure-I. The written queries on the tender document were received from one prospective bidder M/s ASTRA Microwave Products Limited vide letter no. AMP/MSD/CWC-SIKKIM/2019-2020 dated 07.09.2019. The reply to the queries are summarized as under:

1. In page no: 19, Para 1: It is mentioned that the contractor shall provide the necessary ORACLE latest version with 5 user license RDBMS package at the modeling centers. Please clarify which Oracle edition has to be provided either Enterprise Edition or Standard Edition.

Ans:- The contractor need **not** to provide ORACLE at the modelling centers.

2. In page no: 19, Para 5. It is mentioned that bidder is responsible to transmit the data of existing 14 sites under SID, CWC, Gangtok. Please clarify the hardware and software support will be provided by the existing vendor of the mentioned 14 sites.

Ans:- The bidder will **not** be responsible to transmit the data of existing 14 sites under SID, CWC, and need **not** to quote for the hardware & software.

The tenderer is advised to check & ascertain compatibility issues that would arise in transmission of data to two Modeling Centers at SID, CWC Gangtok and LBD, CWC, Jalpaiguri & ERS, Delhi by checking its concerned specifications, at his own cost, before submitting the tender, to avoid any problem in this regard. It is the full responsibility of the vendor to ensure data communication up to modeling centers through suitable integration with existing system, and ensure data communication. The data should be available in the desired format & in the form that it can easily segregate from the data of existing 14 sites.

3. In page no: 29-point no: 14.11.5. Dismantling and re-installation 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. Need Clarification at what point of time of project it need to be done and how many maximum times or sites has to be done.

Ans:- This clause is meant for providing service for dismantling & re-installation of Telemetry equipment only, in any unforeseen and emergent situation that may arise, during the execution and maintenance of the Contract. The civil works for Dismantling and re-installation of any Telemetry equipment will be done by CWC.



4. In page no: 41, Table-A, SI. No 2. It is mentioned that radar sensor measuring range upto 40mtrs. Please clarify the exact range for all sites as the make and model of the sensor will change according to the measuring range of radar sensor.

Ans:- Tenderers are advised to inspect and examine the locations where the telemetry system is to be installed and their surroundings, at his own cost, and satisfy themselves before submitting their tenders (as far as practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their subsequent work at these sites.

During the pre-bid meeting it was being told from representative of Astra Microwave Products Limited that there are two types of radar on the basis of measuring range, one which measures upto 35 mtrs and other which measures from 35 to 55 mtrs. At present, as per the following table only one radar is required for the range of 35 to 55 mtrs. and rest of the radars are required for below 35mtrs range:

Sl. No.	Name of the Telemetry Station	Range of Radar required
1	Melli	35 to 55 mtrs
2	Dambong Zero	Below 35 mtrs
3	Samdong	Below 35 mtrs
4	Zema	Below 35 mtrs
5	Laven	Below 35 mtrs
6	Jorethang Loop HEP	Below 35 mtrs
7	Singtham	Below 35 mtrs

5. Kindly clarify who is responsible for issuing the SIM card and its recurring charges?

Ans:- SIM card is to be supplied/arranged by CWC. Recurring charges of SIM card will be paid by CWC.

Handwritten signature and date: 16/9/19

Item 2: Clarification: The Table 1 at Page No 39 for schedule of quantities have been modified and may be read as placed as following Table 1:

**SCHEDULE OF QUANTITIES
TABLE 1**

Sl. No.	Name of Item	Total in Numbers
1.	Establishment of Remote Station Type WL&MS Water Level (Bubbler Type) and Rainfall measurement, mechanical and fabrication works including all civil works (Termination Block as per drawing 1 & 6, Trenching, cabling, Laying etc.) and all necessary system complete with hardware, software and other peripherals along with data logger etc. with data transmission from remote site to CWC existing ERS at Delhi or ERS at any other location, to two Modeling Centers at SID, CWC Gangtok and LBD, CWC, Jalpaiguri & FFM Directorate, CWC, Sewa Bhawan, New Delhi using V-SAT network complete in all respects along with comprehensive warranty of Two Years.	01 No.
2.	Establishment of Remote Station Type WL&MS Water Level (Radar Type) and Rainfall measurement, mechanical and fabrication works including all civil works and all necessary system complete with hardware, software and other peripherals along with data logger etc. with data transmission from remote site to CWC existing ERS at Delhi or ERS at any other location, to two Modeling Centers at SID, CWC Gangtok and LBD, CWC, Jalpaiguri & FFM Directorate, CWC, Sewa Bhawan, New Delhi using V-SAT network complete in all respects along with comprehensive warranty of Two Years.	07 Nos.
3.	Establishment of Remote Station Type Rainfall (MS) measurement including all civil works, mechanical and fabrication works including all necessary system complete with hardware, software and other peripherals along with data logger etc. with data transmission from remote site to CWC existing ERS at Delhi or ERS at any other location to two Modeling Centers at SID, CWC Gangtok and LBD, CWC, Jalpaiguri & FFM Directorate, CWC, Sewa Bhawan, New Delhi using V-SAT network complete in all respects along with comprehensive warranty of Two Years.	19 Nos.
4.	Provision of supply of spare parts (10% of total amount items 1 to 3) as per Table- B	LS
5.	Data downloading Machine (Latest specifications with all licensed software as listed: Processor- Core i9 9th Gen, Memory- 16 GB RAM, Hard drive- 1 TB, Screen - Full HD LED 17 inch, Licensed Window 10 Home, Licensed MS Office and other required software)	02 Nos.
6.	Comprehensive annual maintenance charges (AMC) including replacement of material & consumables for 5 years after warranty period of 2 years along with data transmission from remote site to CWC existing ERS at Delhi or ERS at any other location, to two Modeling Centers at SID, CWC Gangtok and LBD, CWC, Jalpaiguri & FFM Directorate, CWC, Sewa Bhawan, New Delhi complete in all respects.	05 Years
7.	Training (both for remote station and Modeling Centers) for officers & staff as per provided details.	01 No.
8.a	Number of Concrete Tower installations for telemetry mast for DCP rainfall & Bubbler type Water Level sensor. (As per Drawing No 1 & 2.)	01 No.
8.b	Number of installations in River Bridge & Housing arrangement for RTWL sensor at Dam & Bridge Site. (as per Drawing No 4 & 5)	07 Nos.
8.c	Number of Concrete Tower installations for telemetry mast for DCP rainfall. (As per Drawing No 8)	19 Nos.

* The bidder may quote unit cost for civil works for all three categories, so as to enable flexibility of shifting from one category to other during execution.

16/9/19

Details of the Pre-Bid meeting participants:-

1. Shri Shashank Bhushan, Executive Engineer, SID, CWC, Gangtok.
2. Shri Arun Kumar, AEE, SID, CWC, Gangtok.
3. Shri Rahul Raja, JE, SID, CWC, Gangtok.
4. Shri S.T.A Shoaib, Engineer, ASTRA Microwave Products Limited, Hyderabad.
5. Shri Dipankar Saha, Technician, ASTRA Microwave Products Limited.

16/9/19