



M. B. Control & Systems Pvt. Ltd.

CIN : U67120WB1980PTC033012 | PAN : AABCM7980K | GST NO. : 19AABCM7980K1ZU

Registered & Corporate Office

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Innovative Electronics For You

Weather Sensors for Geo Transect LLP, Thiruvananthapuram (R5)

1. Introduction:

This proposal is for supply of WMS for Geo Transect LLP, Thiruvananthapuram, Kerala.

System Requirements:

- Ambient Temperature Relative Humidity Barometric Pressure Dew Point & Air Density Sensor: 1 no.
- Wind Speed & Direction Sensor: 1 no.
- Rain Gauge: 1 no.
- IP65 Junction Box with accessories: 1 no.

2. System BOM and Price Schedule:

BOM for proposed system is given in Table-1 below:

Sr No.	Item	Qty.	Rate (INR)	Total (INR)
1.	WMS Ambient Temperature Relative Humidity Barometric Pressure Dew Point & Air Density Sensor with Radiation Shield Make: MBCS Model: MBMet-901F-BA5000 Output: RS485 Modbus Cable length : 5 meters Included: Pole mounting accessories	1	32,500.00	32,500.00
2.	WMS Wind Speed & Direction Sensor Make: MBCS Model: MBMet-130-BA5000 Cable Length: 5 meters Output: RS485 Modbus Included: Pole Mounting accessories		27,500.00	27,500.00
3.	WMS Rain Gauge Make: Barani Design Model: MeteoRain 200 Compact Cable Length: 3 meters Output: Pulse Output Included: Pole Mounting accessories	1	16,000.00	16,000.00

4.	WMS IP65 Junction Box Make: MBCS Model: MBMet-ENCP Material: Polycarbonate Included: SMPS suitable for 220VAC input, Mounting for Junction Box, SPD's for Power Supply & RS485, MCB, Terminal blocks, etc.	1	19,000.00	19,000.00
Grand Total (in INR)				95,000.00
Note: Supply of Mounting Pole, Civil work, Earthing & Lightning protection in scope of M/s Geo Transect.				

Table-1: BOM and prices

3. Scope Matrix:

Table-2 below describes the scope matrix for the project:

Sl. No.	Job Description	MBCS Scope	Customer Scope
1.	Supply of the system and services with BOM as described above.	✓	
2.	Unloading & safe storage of all supplied materials.		✓
3.	Erection of WMS at Plant site.		✓
4.	Provide UPS power supply 230VAC and cabling up to WMS.		✓
5.	Chemical Earthing for WMS including all materials and installation.		✓
6.	Termination of cables at WMS Junction Box (RS-485, CAT6, Power supply, etc.).		✓
7.	Provide MODBUS Register details of all existing MODBUS devices.	✓	
8.	Supply required Documentation for the items mentioned in the BOM (soft copies only)	✓	
9.	As-built drawing submission	✓	
10.	Provide remote assistance for commissioning.	✓	
11.	Commissioning Charges of INR 12,500 per man day will be applicable, if site visit required.		✓
12.	Provide all necessary work permits for MBCS Engineers (if) required.		✓
13.	Presence of Site in-charge during installation to finalize location.		✓
14.	Lodging & Boarding facilities at all sites for MBCS engineers, if required at site.		✓
15.	Local Transportation expense/ arrangement from Hotel to site and back every day, if required.		✓
16.	Medical fitness test / Covid Test if required.		✓

17.	In case of FAT, the travel, lodging & boarding costs for the persons visiting our factory.		✓
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4. Warranty:

- i) Sensor 901: 24 months from the date of dispatch.
- ii) Other Sensors & Junction Box: 12 months from the date of dispatch.
- iii) Warranty will not be applicable in case of Physical Damage, any natural calamity or act of God, operator's negligence, wrong usage, electrical and lightening surges, accident, mishandling, misuse, theft, normal wear and tear or if the equipment was services, repaired, modified in any way by a company other than MB Control & Systems Pvt. Ltd.
- iv) We shall repair or replace at our option, free of cost on EXW basis the whole or any of the portions of material which under normal and proper use and maintenance proves defective in material and/or workmanship within warranty period. Such replacements shall be affected within a reasonable time required to do so. Our liability arising out of supplying the material or its use, whether on warranties or otherwise shall not on any case extend the warranty period and exceed the cost of correcting the defects or replacement of the defective material and upon expiration of period mentioned above, all such liability shall terminate.
- v) Product(s) need to be sent to factory/service center for warranty claim. One Side freight charges will be borne by M B Control & Systems Pvt. Ltd. in case of replacement/repair or material.

5. Delivery: Within 3 weeks of manufacturing clearance.

6. Payment: For supply: 30% advance with PO, 70% against Proforma Invoice prior to dispatch.

7.

8. GST: Extra 18% or as applicable.

9. Packing & Forwarding: Nil

10. Freight and insurance charges extra: Approx. Rs.3000 to 4000/-

11. Validity: Our offer is valid till 30.11.2021.

We hope our above offer shall meet your requirements. We now await your valued order. Please do let us know if you need any further information in this regard.

Thanking You,

Yours Sincerely

Sendhil Velavan

Chennai

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