



Government of Bihar
Department of Agriculture
Directorate of Soil Conservation
(Bihar Watershed Development Society)



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NOTICE INVITIG e-TENDER

Through e-Procurement mode only over
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CORRIGENDUM

Letter No. A/BWDS-28/2018 -

Dated:

In reference to our Tender Notice No.: A/BWDS-28/2018-340 Dated – 30.07.2018 online tenders are invited for Supply, Installation, Fencing, Commissioning and Maintenance of Telemetric Weather Station and Telemetric Rain Gauge Equipment Networking 2 districts of Bihar (Meghdoot Phase – I), the RFP description of original tender is here by amended as column 3 of the following:

SI No	RFP Description	Query	Amendments
1	2	3	4
1	Page 33: The bidders, who are also the manufacturers, should have annual sales turnover of at least INR 1000 lakhs for the following equipment:	-	To be read as “ annual turnover of at least INR 1000 lakhs ”
2	Page 34: The bidder should have annual sales turnover of at least INR 1000 lakhs for the following equipment are as shown below:	-	To be read as “ annual turnover of at least INR 1000 lakhs ”
3	Page 58: under section Calibration policy Calibration report should also be submitted to Directorate of Soil Conservation, DOA, GoB at the time of supply .	-	Supply should be read as installation .
4	Page 58: under section civil works All metallic components should be painted with standard quality-approved rust proof paint	-	Rust proof should be read as antirust coating paint
5	Page 58: under section civil works Bullet point 4 Mast must be at least 2 meters in height for ground based mounting structure and at least 1meter for roof top structure to mount the sensors and house the electronics with proper enclosures, high quality hinges, internal locks, painted on either side of the Barbed GI wire/suitable fencing and gate to be provided wherever required .	-	Wherever required to be deleted

6	Page 58: under section civil works Bullet point 5 The mast shall survive high wind speed of 75 m/s and test certificate shall be provided along with the technical bid.	-	"Test certificate shall be provided along with the technical bid" is not required
7	All the TWS/TRG stations shall be provided with earth pits for <i>signal earth</i>	-	'Signal earth' to be read as 'earthing'
8	Page 58:under Fencing The total length of the fencing angle should be 2.8 meters i.e. (2.0m above ground level + 0.8 m below ground level)	-	'The total length' to be read as 'total height'
9	Page 59: under section gate 2 m X 1 m X 6 mm (Length X Width)	-	To be read as '2 m X 1 m X 6 mm (Length X Width X Thickness)'
10	Page 59: under section gate Bullet point 3	-	To be added 'One set is to be handed over to the department'
11	Page 59: under section <i>Onsite maintenance</i> Downtime Max: Downtime of sensor 72 hours. Service level agreement with penalty clause Rs 100 / sensor / day. If down for one-month performance guarantee shall be forfeited is being added	-	To be read as 'Max. downtime of sensor shall be 72 hours. Service level agreement shall be signed with penalty clause of Rs 100 / sensor / day. If down for one-month performance guarantee or bank guarantee shall be forfeited.'
12	Page 59: Raingauge Tipping bucket based; the material used should be polycarbonate or industrial standard metal Granularity of 0.2 mm	-	To be read as 'Tipping bucket based: Material should be polycarbonate, FRP or industrial standard metal. Granularity of 0.2 mm'
13	Page 59: Raingauge New point added	-	To be added: FRP / polycarbonate or aluminium housing
14	Page 59: Raingauge Accuracy With national/international certification preferably IMD certification for the sensors is to be provided with the bid by the bidder.	-	To be read as "With national certification of IMD for the sensors is to be provided / submitted along with the bid of the bidder."
15	Page 60: Temperature Last bullet point Material used for housing the sensor should be of industrial standard	-	To be read as "material used for housing the sensor should be of industrial standard like FRP / polycarbonate/ aluminium"
16	Page 60: Relative humidity Last bullet point They should be mounted inside a proper Radiation-Shield, made up of industry standard material.	-	To be read as "they should be mounted inside a proper radiation-shield, made up of industrial standard like FRP / polycarbonate/ aluminium "
17	Page 60: Wind speed Last bullet point FRP / Polycarbonate / Brass / Aluminium or suitable housing	-	To be read as "FRP / polycarbonate/ aluminium housing"
18	Page 61: Wind direction FRP / Polycarbonate / Brass / Aluminium or suitable housing	-	FRP / polycarbonate/ brass / aluminium housing material is to be provided
19	Page 61 & 62: Power Supply	-	To be read as in a) "All the

	<p>a) <i>The complete remote station</i> has to run on solar power and batteries.</p> <p>d) <i>The supplier must provide 30 days' full power back up for operating the systems at field stations and transmission of data as schedule every 15 minutes with sufficient batteries charging</i></p>		<p><i>stations</i> has to run on solar power and batteries”</p> <p>d) “The supplier must provide batteries with 30 days' full power back up for operating the systems at field stations and transmission of data as schedule every 15 minutes with sufficient batteries charging”</p> <p>e) <i>deleted</i></p>
20	<p>Page 62: Installation & Commissioning</p> <p>The supplier shall also be responsible for transportations of all equipment and deliverables up to field sites across 2 districts of Bihar state. In order to ensure safety during transportation, proper insurance shall be arranged by the supplier.</p>		<p>To be read as “The supplier shall be responsible for transportation of all equipment and deliverables up to the field sites across Gaya and Arwal districts of Bihar state. In order to ensure safety during transportation, proper insurance shall be arranged by the supplier.</p>
21	<p>Page 62: Installation & Commissioning</p> <p>Each site should have a good quality metal sign board (Size: Height 4 ft x Width 3 ft) (rust proof) as depicted format below, which is painted / high quality reflective stickers in English and Hindi with the following information:</p>		<p>In section “Each site should have a good quality metal sign board (Size: Height 4 ft x Width 3 ft) (antirust coating) as depicted format below, which is painted / high quality reflective stickers in English and Hindi with the following information:” is given in page 63.</p>
22	<p>Page 66:</p> <p>The Supplier shall provide complete and legal documentation of hardware, and licensed operating systems. The supplier shall also indemnify the purchaser against any levies/penalties on account of any default in this regard.</p>		<p>“and licensed operating systems” deleted.</p>
23	<p>Page 66:</p> <p>On successful completion of acceptability test, receipt of deliverables etc., and after the purchaser is satisfied with the working on the system, the acceptance certificate signed by the supplier and the representative of the purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the systems.</p>		<p>“the supplier and” is deleted.</p>
24		<p>Page No:57 Calibration Policy</p> <p>ATRH & Wind Sensor to be calibrated for six Months: It is suggested to calibrate AT RH & Wind sensors once in a year. Wind sensor can't be calibrated in field. Please suggest.</p>	<p>Wind parameters has to be measured on the field using calibrated ultrasonic or cup anemometer sensor and measure the values. These values have to be compared with the sensor values which are installed on field. If difference is found to be more than 1m/s wind sensor then it has to be calibrated.</p>


			Calibration to be done once in a year.
25	-	Safety & Insurance of TRG & TWS network: Who will be responsible for Safety & Insurance for TWS & TWG?	Government will be responsible for safety and insurance of TWS & TRG after complete installation, commissioning and data transmission by the selected bidder and approval by purchase representative.
26	-	GPRS Network: Alternative Transmission mode if there is no GPRS system on the location provided by Department	Sites provided by the department will have GPRS/GSM connectivity of at least one operator
27	-	Penalty Terms: Is Penalty Terms applicable for Theft/Damaged sites	Penalty is not applicable for cases of theft, however damages to the ARG/AWS system due to negligence of the vendor / contractor or its employees shall be considered for penalty. Damages apart from the above shall not be responsibility of the vendor / contractor and no penalty shall be levied in such case.
28	-	Installation period extension: Please Extend the Installation & Commitment period from 90 to 120 days	No changes
29	-	<ul style="list-style-type: none"> • Clause ITB3.2 (d): Evaluation Criteria for Non-manufacturer bidder • Request to consider the experience of only non-manufacturer bidder who is in the business related to weather data supply instead of annual sales turnover. • Request for specifying the eligibility criteria for weather station network operators too. 	No changes
30	-	Installation & Commissioning: <u>Fencing & Civil Work</u> Request to bring clarity on the fencing requirement between chain link & barbed wire.	Fencing is GI chainlink as mentioned in Page 58. In page 64 " <i>barbed GI wire fencing</i> " to be read as " <i>GI chainlink fencing.</i> "

Memo no. A/BWDS-28/2018- 382

Patna / Dated :- 27.08.2018

Copy to – IT Manager, Agriculture Department, Bihar, Patna for uploading on the website of Agriculture Department.

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Chief Executive Officer,
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