

बिहार सरकार
योजना एवं विकास विभाग
(अर्थ एवं सांख्यिकी निदेशालय)

आवश्यक सूचना

राज्य में 484 GSM/GPRS आधारित स्वचालित मौसम केन्द्र (Automatic Weather Station) के अधिष्ठापन से संबंधित निविदा संख्या- पी०आर०एन० 04 (योजना) 14-15 दिनांक-05.04.2014 के आलोक में दिनांक 25.04.2014 को आयोजित Pre bid Meeting में उठाए गए बिन्दुओं पर सम्यक् विचारोपरान्त RPF Document का 'Corrigendum & Clarification' निदेशालय के वेबसाईट <http://dse.bih.nic.in> पर अपलोड कर दिया गया है।

25/26/09/14
(रेनु लता)
निदेशक

Corrigendum & Clarification with reference to RFP Document for Procurement of 484 GSM/GPRS based AWS.


S. No.	Page No.	Point No.	Earlier	Read As
1	1	2(III)	Identify a suitable GSM/GPRS Service Provider for the mobile subscriber network. It would also be mandatory for the tenderer to provide leased line connection at the data centre. the space and electricity would only be provided by the DES Patna.	Identify a suitable GSM/GPRS Service Provider for the mobile subscriber network. It would also be mandatory for the tenderer to provide leased line connection at the data centre in the Name of DES Bihar Patna. However the recurring charges for 5 years will be paid by the bidder. the space and electricity would only be provided by the DES Patna.
			FINANCIAL • The Bidder (in case of consortium jointly) must have average Turnover of 10 Crores per year in India during last 3 financial Years. • Bidder should have done any single project in India worth of 10 Crores in last 5 financial years. Completion certificate should be attached.	FINANCIAL • The Bidder (in case of consortium jointly) must have average Turnover of 10 Crores per year during last 3 financial Years.
2	2	3		
3	2	3	Service • The prime Bidder must have experience of maintaining at least 100 stations in India for more than 5 Years.	Service • The Bidder must have experience of Installation & Maintaining at least 100 AWS / similar kind of network stations in India for more than 5 Years.
4	2	3	EMD/BG • EMD for this project is 20 Lakh	EMD/BG • EMD for this project is 20 Lakh in the form Bank draft only in name of "Sr Research Officer (DDO) DES Bihar Patna" payable at Patna
5	9	a	ADC Resolution: - 32 Bit or Better	ADC Resolution: - 16 Bit or Better
6	17	20	<ul style="list-style-type: none"> • Data Logger Level- The data logger must check the quality of the data before it is sent to the transmitter. Some of the important aspects which can be verified is: 1. Range 2. Climatologically Average 3. Comparison of the data with nearby stations 	<ul style="list-style-type: none"> • Data Logger Level- The data logger must check the quality of the data before it is sent to the transmitter. Some of the important aspects which can be verified is: 1. Range 2. Climatologically Average


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			Last date of submission of Tender Form: 30.04.2014 at 2.00 PM Date of opening of Tender and Technical Bid:30.04.2014 at 3.00 PM Date of opening of financial bid -30.04.2014 (After Evaluation of Technical bid) Venue: -Directorate of economics & Statistics, Main Secretariat Barrack No:-17, Patna-800015 (Bihar) Phone no.-0612/2280322 Email: dir-stat-bih@nic.in	Last date of submission of Tender Form: 20.06.2014 at 2.00 PM Date of opening of Tender and Technical Bid:20.06.2014 at 3.00 PM Date of opening of financial bid -After Evaluation of Technical bid Venue: -in the Chamber of Principal Secretary, Planning & Development Department, Old Secretariat, Patna-800015 (Bihar) Phone no.-0612/2280322 Email: dir-stat-bih@nic.in
7	18	21		
8	19	26	26. DELIVERY SCHEDULE (a) Delivery I) All 484 AWS within Three months of placement of supply order (For indigenous equipments) (b) Commissioning ii) All 484 AWS within Six months of placement of supply year.	26. DELIVERY SCHEDULE (a) Delivery I) All 484 AWS within Six months of placement of supply order (For indigenous equipments) (b) Commissioning ii) All 484 AWS within Nine months of placement of supply year.
9	7	7	It should have standard independent and Ethernet USB port. The port converters are not acceptable.	It should have standard independent both Ethernet and USB port. The port converters are not acceptable.
10	6 & 7		Specification of Sensors 1. Soil Moisture 2. Soil Temp 3. Solar Radio This was not Included	Provision Made These sensors of Soil Moisture, Soil Temperature & Solar Radiation, will be installed only at 100 locations out of 484 AWS stations to be installed, which will be decided by DES, Bihar. Specification of these sensors are mentioned in separate sheet attached. Accordingly, add to the list of deliverables in Annexure-1 (Page 23 & 24)
		6	INTEGRATION OF 50 AWS DATA No Provision	Provision Made INTEGRATION OF 50 AWS DATA Existing network should be connected with proposed one i.e, the network for 484 AWS must be integrated with the network of existing network of 50 AWS and "mausambihar.com". Server must have the facility to add more data from other network also as well as whatever data is being collected manually, should be incorporated with this server.
11	22	35		

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12	22	33	<p>Terms of Payment : 80% Payment of the material cost will be made on receipt of material at office or as directed by DES, Bihar in case of Indian supplier/indigenous firm. Remaining 20% of material cost will be paid after commissioning and acceptance by DES, Bihar or any officer authorized by DES, Bihar. No advance payment will be made towards installation charges.</p>	<p>50% of the Project Cost will be paid after successful supply of hardware/material. 10% of the Project cost will be paid after Installation & Commissioning. Rest 40% amount will be released in five equal installments, i.e., 8% will be released rendering satisfactory maintenance and service of the project every year subject to compliances mentioned in para 18 of RFP under the head of "Warranty & Maintenance".</p> <p>Note: The bidder may submit bills for part payment after completion of supply/installation/maintenance for every 100 numbers of stations or more in each part (However in the final part the number of station may be less than 100, as actual). DES Bihar will pay the bill on pro-rate basis as per term & condition.</p>
13	17	19	<p>Security Deposit: The successful tenderer shall furnish performance security in the form of an A/C Payee Demand Draft or Fixed Deposit Receipt from a Commercial Bank or a Bank Guarantee on any Nationalized Bank in favour of Sr Research Officer (DDO), Directorate of Economics & Statistics, Bihar, Patna for amount equivalent to 10% of the order value within fifteen days of acceptance of this supply order. The said security shall stand forfeited in the event: (i) commissioning in part or in full are not affected in accordance with the delivery schedules. (ii) The reflection of supply on accounts of sub standard product not in conformity with the specification (iii) Any act of breach of contract After furnishing performance security, the earnest money in respect of successful tenderer shall be refunded/returned.</p>	<p>Security Deposit: (a) The successful tenderer shall furnish performance security in the form of an A/C Demand Draft or Fixed Deposit Receipt from a Commercial Bank or a Bank Guarantee on any Nationalized Bank in favour of Sr Research Officer (DDO), Directorate of Economics & Statistics, Bihar, Patna for amount equivalent to 10% of the order value within fifteen days of acceptance of this supply order. The said security shall stand forfeited in the event: (i) commissioning in part or in full are not affected in accordance with the delivery schedules. (ii) The reflection of supply on accounts of sub standard product not in conformity with the specification (iii) Any act of breach of contract After furnishing performance security, the earnest money in respect of successful tenderer shall be refunded/returned.</p> <p>(b) Refund of Security Deposit: The security Deposit will be refunded as per following Term & Condition: (i) 50% of the security deposit refunded after fully supply of AWS hardware/materials. (ii) 10% of the security deposit refunded after whole installation work. (iii) Rest after completion of the Project warranty period of 5 Yrs.</p>


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Director

Specifications of Additional Individual Sensor

i. Global Radiation Sensor

- a) Range : 0 to 1500 W/m²
- b) Accuracy : \pm 5% or better
- c) Resolution : 5 W/ m²


ii. Soil Temperature


- a) Range : -40⁰C to 55⁰C
- b) Accuracy : \pm 0.1⁰C or better
- c) Resolution : 0.01⁰C
- d) Sensor Type : Resistance type or equivalent
- e) Response Time : 10 seconds or better
- f) Depths : Two (5 cm and 20 cm)

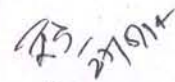
iii. Soil Moisture

- a) Range : 10 to 200 centibars suction
- b) Sensor Type : TDR
- c) Units : Percentage of moisture/mm
- d) Accuracy : \pm 2 percent
- e) Resolution : 10 centibar Suction
- f) Depths : 20 cm

NB- All sensors should be NIST (National Institute for Standards and Technology, USA) traceable.


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