



**Government of Goa**  
**Office of the Executive Engineer**  
**Works Division III**  
**Water Resources Department**

Ref: No F. 90-27/TS/NCRMP-II/WDIII/WRD/19-20/192

Date: 25/06/2019

**Name of Work: Design, Supply, Installation, Commissioning, Implementation, operation and Maintenance for Early Warning Dissemination System for GOA under NCRMP-II - Bid No.: NCRMP II/GOA/NCB/EWDS/PKG – 01**

**MINUTES OF PRE-BID MEETING**

- 1.0 **Venue:** WRD Complex, Gogol, Margao, Goa.
- 2.0 **Date:** 25/06/2019
- 3.0 **Time:** 11.00 Hours
- 4.0 **Present:** The list of participants in the pre-bid meeting is attached separately.
- 5.0 **Proceedings:**

The Superintending Engineer, Circle Office V welcomed the participants to the pre-bid meeting. After introduction of the participants at the meeting, the participants were requested to submit written queries. The following agencies submitted written queries.

1. Solas Marine Services Pvt Ltd
2. Celltick Mobile Media (India) Pvt Ltd
3. Maple Leaf Intelligent Solutions Pvt Ltd
4. Larsen & Toubro Limited

Queries of all the participants received at the pre-bid meeting were taken on record. It was assured that replies to the queries would be uploaded on the e-tender portal as early as possible.

Representative of Celltick Mobile Media (India) Pvt Ltd requested that in view of the large number of queries raised at the pre-bid meeting, the date for opening of the technical bids should be suitably postponed. In the covering letter of their queries, Solas Marine Services Pvt Ltd have requested considering extension of a minimum of 4 weeks

*MB*  
25/6

for submission of bid for realistic appreciation to avoid problems at a later date. The participants were assured that the replies to the queries would be uploaded well in time so as to allow the bidders reasonable time to prepare and submit their bid documents after the clarifications are provided.

The pre-bid meeting was concluded by thanking the participants for attending the meeting.

Encl: List of participants


  
A.G. Bhagwat  
Executive Engineer - III  
25/6/2019

### LIST OF PARTICIPANTS

SNo.	Name	Designation	Office/Company
1	Ravindra R Yaragatti	Superintending Engineer	Circle Office V, Water Resources Department, Gogol, Margao, Goa.
2	Anant G Bhagwat	Executive Engineer	Works Division III, Water Resources Department, Ponda, Goa.
3	Himanish Ghosh	Jt. General Manager	TCIL, New Delhi
4	Ashish Kumar	Dy General Manager	TCIL, New Delhi
5	Sohan Lal Sharma	Engineering Specialist	NDMA, New Delhi
6	Mahadev G. Naik	Financial Management Specialist	Works Division III, Water Resources Department, Ponda, Goa.
7	Sanjay Naik	Works Assistant	Circle Office V, Water Resources Department, Gogol, Margao, Goa.
8	Minal Gupta	Asst Manager	Larsen & Toubro
9	C Krishnan	PD,	Larsen & Toubro Chennai
10	R. Selva Kumar	Head- South, Business Development	Larsen & Toubro
11	Hitesh Shukla	Director – Citoyen	Celltick Mobile Media (India) Pvt Ltd
12	Istik Chopra	Director, Business Development	Telecon Systems
13	Sumit Aggarwal	Associate Director, Sales, South Asia	UMS/ Everbridge
14	Commander S K Raghav	Advisor & Consultant	Solas Marine Services Pvt Ltd, Navi Mumbai
15	Nishith Shetty	Proposal Manager	Solas Marine Services Pvt Ltd, Navi Mumbai
16	Prashant Shende	Technical Director	Celltick Mobile Media (India) Pvt Ltd
17	Neil Lobo	Sales Director	Celltick Mobile Media (India) Pvt Ltd
18	Pravin Kumar	MT	BECIL Noida
19	Shubam Gude	GIS Specialist	Circle Office V, Water Resources Department, Gogol, Margao, Goa.
20	Nishant Malhotra	Director	Maple Leaf Intelligent Solutions Pvt Ltd

  
 25/12/19

<b>SNo.</b>	<b>Name</b>	<b>Designation</b>	<b>Office/Company</b>
21	Pankaj Agrawal	Director	Stalworth Systems Pvt Ltd
22	Rajan Kamble	Assistant Engineer	Sub Division IV, Works Division III, Water Resources Department, Porvorim, Goa
23	R.S.Godi	Assistant Surveyor of Works	Circle Office V, Water Resources Department, Gogol, Margao, Goa.

  
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Government of Goa  
Office of the Executive Engineer  
Works Division III  
Water Resources Department

Name of Work: Design, Supply, Installation, Commissioning, Implementation, operation and Maintenance for Early Warning Dissemination System for GOA under NCRMP-II - Bid No.: NCRMP II/GOA/NCB/EWDS/PKG - 01



PRE-BID MEETING: LIST OF PARTICIPANTS


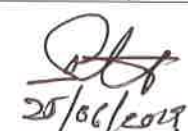





Venue: WRD Complex, Gogol, Margao, Goa

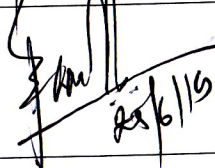

Date: 25/06/2019

Time: 11.00 Hours

Sr.No	Name of Participant	Designation	Office /Company	Phone No	Email ID	Signature
1.	RAVINDRA R. YARAGATTI.	Superintending Engineer.	Circle Office-V Water Resources Department Margao-Goa.	7385586570/ 9420690083	ses-wrd.goa@ gov.in.	R.R. Yaragatti. 25.6.19.
2.	ANANT. G. BHAGNAT.	Executive Engineer	W. D. III WRD Ponda - Gov	9423883391	ee3-wrd.goa@ gov.in	 25/6/19
3.	HIMANISH GHOSH	Jt General Manager	TCIL / N. Delhi	9811612053	himansh.ghosh@ tcil-india.com	H Ghosh - 25/6/19
4.	ASHISH KUMAR	Dy. General Manager	TCIL / N. Delhi	9999487383	ashish.kumar@ tcil-india.com	 25/06/2019
5.	Shanulal Sharma	Engineering Specialist	NDMA	9899464337	sharmashanulal 187@gmail.com & engspl.sharma@gov.in.	Shanul 25/6/19

6.	Mahadev D. Naik	FMS (NCRMP-II - CoA)	wd III. WRD. Ponda - CoA	9511773922/ 9422440269	fmswrdgea@gmail.com	<u>awen</u>
7.	Sanjay. Naik	WRD Asst NCRMP WRD	Gogol	7798602549	misnocrmp-wrd goa@gov.in	Sanjay
8.	Minal Gupta	Asst Manager L&T	L&T Chennai	9530920707	minalgupta@ lntecc.com	Minal
9.	@. KRISHNAN	PD, L&T Chennai	L&T Chennai	9645046003	krishnan @lntecc.com	e'sky
10.	R. Selva Kumar	Head - South Business Development	L&T	8197744414	Selva Kumar @ Lntecc.com	
11.	Hitesh Chopra	Director - Citizen (Cellular)	Citizen Assist solutions Pvt Ltd.	9820810214	hitesh @ citizen-assist. com	
12.	ASTIK CHOPRA	Director - Business Development	Telecon Systems	9818312097	astik.chopra@ telecon-systems. com	ASTIK
13.	SUMIT AGGARWAL	Associate Director Sales - South Area	UMS/Everbridge	9999491400	Sumit.aggarwal @everbridge .com	W

14.	Commander SK RAGHAV	Advisor & Consultant	Solas Marine Services PVT. Ltd. navi mumbai	9717007589	skraghav@ solasmarinelumha.com	 25/06/2019
15.	Nishith Shetty	Proposal Manager	Solas Marine Services PVT LTD Navi Mumbai	+91-9611523373	Nishith.Shetty@ solasmarine.com	 25/06/2019
16.	PRASHANT SHENDE	TECH. DIRECTOR	CELLTICK INDIA	(+91) 9920218110	prashants@celltick .com	 25/06/2019
17.	NEIL LOBO	SALES DIRECTOR	CELLTICK	9769935940	neill@celltick .com	
18.	PRAVIN KUMAR	MT	BECIL, Noida	7065696 896	pravin.kumar @becil.com	
19.	SHUBHAM GUDE	GIS SPECIALIST	CIRCLE - V WRD, MARGAO Goa	9764364364	shubham.gude@gr .com	
20.	Nishant Malhotra	Director	Maple Leaf Intelligence Sol Pvt Ltd	9818866544	nishant.malhotra @mapleleafispl .com	
21.	Pankaj Agrawal	Director	Stalwart Systems Pvt Ltd	9716299102	pankaj@ stalwart.co.in	

22.	RAJAN S. KAMBHE	ASSISTANT ENGINEER	W.R.D.	9226285557	ac4wd3-wrd.goa @gov.in	 25/6/19
23.	Ravishanker Godu	ASW	Circle I WED	9420190010		
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GOVERNMENT OF GOA  
OFFICE OF THE EXECUTIVE ENGINEER  
WORKS DIVISION III  
WATER RESOURCES DEPARTMENT  
PONDA – GOA

Tender Name: Design, Supply, Installation, Commissioning, Implementation, operation and Maintenance for Early Warning Dissemination System for GOA under NCRMP-II

Tender No: NCRMP II/GOA/NCB/EWDS/PKG – 01 dated 06/06/2019


PRE-BID QUERIES

S No	Reference provisions in bid document	Page No of bid document referred	Description	Clarification Requested	Clarification
1	20.8	25	The Bid Security of a JV shall be in the name of the JV that submits the bid. If the JV has not been legally constituted into a legally enforceable JV at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent referred to in ITB 4.1.	We request you to kindly clarify if the bid security can be in name of lead bidder	JV not permitted as per clause no. ITB 4.1, Section II Bid Data Seheet, Page No. 39. For Bid Security refer clause no. ITB 20.1 Section II Bid Data Seheet, Page No. 40.
2	3. Regulatory Permissions and Consents	46	The System Integrator shall obtain all requisite statutory clearances prior to commencement of civil and or electrical works, which includes obtaining permissions/consents for setting-up construction camp; plants and equipment;	We request you to modify the clause as: The Employer shall obtain all requisite statutory clearances prior to commencement of civil and or electrical works, which includes obtaining permissions/consents for setting-up construction camp; plants and equipment;	No Change. Bid condition stands.
3	4. Consultation and Community Consent	47	The System Integrator shall consult and obtain written consents of landowners (individual/panchayat/govt. agency) for temporary use of land for all construction related activities	We request you to modify the clause as The Employer shall provision <u>No objection Certificate</u> from landowners (individual/panchayat/govt. agency) for temporary use of land for all construction related activities	No Change. Bid condition stands.
4	4. Consultation and Community Consent	47	The System Integrator shall consult and obtain written consents of landowners (individual/panchayat/govt. agency) for temporary use of land for all construction related activities including: <input type="checkbox"/> Erection of towers <input type="checkbox"/> Setting-up and operation of construction and labour camps; <input type="checkbox"/> Burrow areas and <input type="checkbox"/> Disposal of debris and other waste material	We request you to modify the clause as: The Employer shall consult and obtain written consents of landowners (individual/panchayat/govt. agency) for temporary use of land for all construction related activities including. <input type="checkbox"/> Erection of towers <input type="checkbox"/> Setting-up and operation of construction and labour camps; <input type="checkbox"/> Burrow areas and <input type="checkbox"/> Disposal of debris and other waste material The employer shall pay the rentals on actuals if any.	No Change. Bid condition stands.

*Executive Engineer,  
Works Division III,  
Water Resources Department,  
Ponda-Goa.*


**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
5	11. Water Extraction/ Use	51	Water for construction and for use at construction camps (including labour camps) is to be extracted with prior written permission of <input type="checkbox"/> The individual owner, in case the source is private well/tube well; <input type="checkbox"/> Gram Panchayat in case the source belongs to community; and <input type="checkbox"/> Irrigation Department in case the source is an river canal etc.	We request you to modify the clause as: Water for construction and for use at construction camps (including labour camps) is to be extracted with prior written permission of <input type="checkbox"/> The individual owner, in case the source is private well/tube well; <input type="checkbox"/> Gram Panchayat in case the source belongs to community; and <input type="checkbox"/> Irrigation Department in case the source is an river canal etc. All necessary approvals will be provided by the Employer	No Change. Bid condition stands.
6	19 Liabilities	53	Any liability arising out of System Integrator's agreement with landowners/ local people/gram panchayat (including those related to temporary use of land, water extraction and disposal of debris) shall be settled by the System Integrator.	We request you to Kindly delete the clause or modify the clause as: Any liability arising out of Employer's agreement with landowners/ local people/gram panchayat (including those related to temporary use of land, water extraction and disposal of debris) shall be settled by the Employer.	No Change. Bid condition stands.
7	2.4.2 Specific Experience (ii)	80	The bidder, or the subcontractor, or the OEM or the authorized dealer should have implemented at least two (2) Alert Siren Systems at not less than a total of 40 (Forty) locations in the last five years. The bidder, subcontractor, OEM or the authorized dealer shall submit purchase order and certificate attesting to the value and satisfactory completion of the contracts duly signed and sealed by the employer.	We request you to kindly modify this as : The bidder, or the OEM should have implemented Alert Siren System at not less than a total of 40 (Forty) locations in the last five years	Refer Serial No 1 of Corrigendum II
8	2.4.2 Specific Experience (iv)	81	iv) The bidder, or the subcontractor, or the OEM or the authorized dealer should have supplied and maintained at least fifty (50) nos. of diesel generator sets, Un interrupted Power supply systems along with batteries in the last five years.	We request you to kindly modify this as : The bidder, or the OEM should have supplied and maintained at least fifty (50) nos. of diesel generator sets/Un interrupted Power supply systems along with batteries in the last five years.	Refer Serial No 2 of Corrigendum II
9	2.4.2 Specific Experience	81	Note: For purposes of 2.4.2 (b), technical experience will be reckoned either severally for the bidder or jointly for the pooled experience between the bidder, subcontractor, OEM, and the authorized dealer provided they have entered into a specific mutual agreement for this purpose for the project. Copies of the agreements signed for this purpose shall be submitted along with the experience certificate and the purchase orders.	We request you to kindly note that in case of experience of OEM is being used, OEM Manufacturer Authorization form should be considered for mutual agreement.	No Change. Bid condition stands.

  
**Executive Engineer,**  
**Works Division III,**  
**Water Resources Department,**  
**Ponda-Goa.**


**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
10	2.1.2 Satellite Based Mobile Voice Data Terminal	165	Vendor has to Design, Supply, Installation, testing, commissioning and maintain all the DMR equipment along with the software for 2 years under warranty and 5 years under AMC from the date of Successful Operational Acceptance	We request to kindly change the clause as :Vendor has to Design, Supply, Installation, testing, commissioning and maintain all the DMR equipment along with the software for 2 years under warranty and 5 years <u>3 years</u> under AMC from the date of Successful Operational Acceptance	Refer Serial No 3 of Corrigendum II
11	3.1 (d)	85	(d) Specific additional criteria The relevant evaluation method, if any, shall be Net Present value (NPV) method. Any adjustments in price that result from the above procedures shall be added, for purposes of comparative evaluation only, to arrive at an "Evaluated Bid Price." Bid prices quoted by Bidders shall remain unaltered	We request you to kindly provide the rate at which NPV will be discounted.	The discount rate to be used in the NPV calculations shall be the ruling SBI prime lending rate on the last date of submission of bids.
12	ANNEXURE TO BDS – ITB 11.2 (j)	44	The Bidder shall submit with its bid the following additional documents: i) Contractor Registration certificate if specified (as per IFB); ii) Manufacturer's authorization for major items of supply under the contract, that the Bidder did not manufacture or otherwise produce; iii) Subcontractor Agreement or a letter of intent between the parties to enter into a Subcontractor Agreement for major items of services under the contract, that the Bidder did not otherwise provide. iv) Code of Conduct (ESHS)	We request you to modify the clause as: The Bidder shall submit with its bid the following additional documents: i) Contractor Registration certificate if specified (as per IFB); ii) Manufacturer's authorization for major items of supply under the contract, that the Bidder did not manufacture or otherwise produce; OR ii) Subcontractor Agreement or a letter of intent between the parties to enter into a Subcontractor Agreement for major items of services under the contract, that the Bidder did not otherwise provide. iv) Code of Conduct (ESHS)	No Change. Bid condition stands.
13	General		Limitation of liability	Request you to kindly confirm that Limitation of liability will be limited to 100% of contract value	Reference may be made to GCC clause 30(b), Page 280
14	General		Variation	Please provide for events leading to Change Order or Variation clause.	No Change. Bid condition stands. Reference may be made to clause 3.4 (page 236) and 39 (page 292) of General Conditions of Contract

  
**Executive Engineer,**  
**Works Division III,**  
**Water Resources Department,**  
**Ponda-Goa.**


**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
15	20.3.5	256	If any dispute or difference occurs between the Employer and the Contractor in connection with or arising out of the disapproval by the Project Manager of any document and/or any modification(s) thereto that cannot be settled between the Parties within a reasonable period, then such dispute or difference may be referred to an Adjudicator for determination in accordance with GC Sub-Clause 46.3 hereof. If such dispute or difference is referred to an Adjudicator, the Project Manager shall give instructions as to whether and if so, how, performance of the Contract is to proceed.	We request you to modify the clause as: If any dispute arises out of the contract with regard to the interpretation, meaning and breach of the terms of the contract, the matter shall be referred by the bidder to a panel of 3 arbitrators where One arbitrator will be from each party and a 3rd arbitrator, who shall be the presiding arbitrator, by the two arbitrators	No Change. Bid condition stands.
16	PC 8. Time for Commencement and Completion	256	PC 8.2 The Time for Completion of the whole of the Facilities shall be 12 months (including monsoon season) from the Effective Date as described in the Contract Agreement. followed by Operations and Maintenance of 24 months and subsequently Annual Comprehensive Maintenance of 36 months	As the location experiences lots of uncertainty with respect to the monsoon season we request to kindly provide implementation time of 24 months.	No Change. Bid condition stands.

  
 Executive Engineer,  
 Civil Division III,  
 Public Works Department,  
 Pondicherry.

**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
17	43. Assignment	305	Neither the Employer nor the Contractor shall, without the express prior written consent of the other Party, which consent shall not be unreasonably withheld, assign to any third Party the Contract or any part thereof, or any right, benefit, obligation or interest therein or there under, except that the Contractor shall be entitled to assign either absolutely or by way of charge any monies due and payable to it or that may become due and payable to it under the Contract.	<p>In order to have better working capital for the project we propose an Assignment clause as below to be included in the Payment Schedule, which shall allow us to factor the bill with financing institution, and therefore enable us to participate in the Tender.</p> <p>Assignment Clause (new Clause proposed) :                      "The Contractor shall not, without the express prior written consent of the Employer, assign to any third party the Contract or any part thereof, or any right, benefit, obligation or interest therein or there under, except that the Contractor shall be entitled to assign either absolutely or by way of charge any monies due and payable to it or that may become due and payable to it under the Contract to any Financial Institution(s) or Bank(s) or NBFC(s).                      In the event the Contractor assigns the monies due and payable to it or that may become due and payable to it, under the Contract, to any Financial Institution(s) or Bank(s) or NBFC(s), the Employer shall acknowledge the intimation letter it may receive from such financial institution(s) or Bank(s) or NBFC (s). If the Employer does not reply within 15 days of the receipt of the intimation letter, it can be considered as "acknowledged by the Employer". Furthermore the Employer will provide an indicative date by when the funds will be released to the Contractor as a measure of comfort for the decisions of Financial Institution(s) or Bank(s) or NBFC(s)".</p>	No Change. Bid condition stands.
18	General			We understand BOCW tax has to be included in Bid price. Please confirm	No Change. Bid condition stands. All taxes and duties to be borne by the bidder. Reference may be made to clause 14.1 of General Condition, Page 247
19	2.7 Subcontractors	83	Subcontractors/manufacturers for the following major items of supply or services ('Specialized Subcontractors') must meet the following minimum criteria, herein listed for that item:	Request you to kindly remove this qualification criteria for the OEM's since the same will restrict the participation	No Change. Bid condition stands.

  
**Executive Engineer,**  
**Works Division III,**  
**Water Resources Department,**  
**Ponda-Goa.**


**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
20	ITB 22.1	41	<p>The documents comprising the Bid shall be digitally signed by the person duly authorized to sign on behalf of the Bidder. The documents comprising the Bid shall then be uploaded on the e-procurement portal <a href="http://www.tenderwizard.com/GOA">www.tenderwizard.com/GOA</a>. After electronic on line bid submission, the system generates a unique bid identification number which is time stamped as per server time. This shall be treated as acknowledgement of bid submission.</p>	Kindly clarify if any document has to be submitted in hard copy.	<p>The following documents are required to be submitted in hard copy. 1. Bid Security, refer clause 7 a) of Invitation for Bids (page 3) and ITB 20.1 of BDS (page 40). 2. Legal Power of Attorney refer clause ITB 21.2 of Section II Bid Data Sheet (page 41).</p>
21	1.4	71	Functional Guarantees of the facilities – technical	Request to kindly provide the SLA penalty details and cap it at 10% of O&M value of 2 years.	Refer Serial No 4 of Corrigendum II
22	11.2	17	(i) List of subcontractors, in accordance with ITB 16.2, and a letter of intent between the parties confirming their participation;	Request you to kindly delete this clause	No Change. Bid condition stands.
23	1.2.2 Post Cyclone Phase	155	<p>1. Selected vendor will facilitate Goa state Government in purchasing the service from BSNL and in this regard state will support the vendor through filling up of necessary forms. For the project duration (2 years) all the expense (CAPEX and OPEX) are to be borne by the vendor and any amount over and above the minimum service charge will be paid by the state. For minimum value for the service refer BSNL web-site. 2. Selected vendor will facilitate Goa state Government in purchasing the service and in this regard state will support the vendor through filling up of necessary forms. License issues along with any other statutory clearance required has to be taken up by the vendor. For the project duration (2 years) all the expense (CAPEX and OPEX) are to be borne by the vendor and any amount over and above the minimum service charge will be paid by the state. 3. Selected vendor will facilitate Goa state Government in purchasing the DMR handset service and in this regard state will support the vendor through filling up of necessary forms in regard to license issues. License issues along with any other statutory clearance required has to be taken up by the vendor. For the project duration (2 years) all the expense (CAPEX and OPEX) are to be borne by the vendor.</p>	<p>Since the License are issued in the name of the end user, which in this case is the purchaser. Thus it is pertinent that the spectrum and usage licensing is removed from the scope of the bidder and procured by the purchaser directly.</p>	No Change. Bid condition stands.

  
 Executive Engineer,  
 Works Division III,  
 Water Resources Department,  
 Ponda-Goa.

**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
24	c. Statutory clearances	157	For use of Radio equipments licenses from WPC (Wireless Public cell) a unit of DoT (Department of Telecommunication) is required. Frequencies required for operation of handsets along with no. of radio equipment are to be submitted along with onetime fee in order to obtain import license. In addition a yearly fee is charged under royalty head based on the number and type of equipment in use. . In case of Goa we will require DMR handsets and DMR fixed station. Selected vendor has to get all type of statutory clearances (except CRZ and ROW for VPN connectivity) from the competent authority and the state will only facilitate the vendor by filling up of forms as and when required. Any cost involved will be paid by the vendor for such activities till the project period (2 years).	Kindly confirm that the license and yearly cost for radio equipment will be reimbursed at extra at actuals. Also clarify for charges for ROW digging, backfilling and reinstating will be paid extra at actuals. Also in case of any delay in ROW clearance, the penalty will not be imposed by employer, please confirm.	No Change. Bid condition stands.
25		174	2.1.5.1 Control Station-Technical specifications	Kindy confirm that no civil work has to be done in SEOC, DEOC, TEOC	Modifications to the buildings such as addition, alteration, demolition, improvement, etc are not part of the bidders responsibility.
26	3.1 Inspections	203	The expenditure i.e. TA/DA etc. of four officers towards inspection of the items shall be borne by the successful bidder.	Request you to consider all expenses of boarding and lodging for purchaser officers to be borne by purchaser	Expenses of travel, board and lodging of the officers will be borne by the Employer. Bidder responsibility will be to arrange for FAT at OEM premises
27	2.3.7 SET TOP BOX	191	Bidder shall provide one HD-Set Top Box from any of the Operators (Dish TV, Airtel, Videocon, Reliance or local operator) for News feed to be integrated with 55-inch TV at EOCs	Kindly confirm the purchaser will bear the monthly charges of the Set top Box	All the recurring expenses during implementation and two years O&M after the successful Operational Acceptance shall be borne by the bidder
28	PC 13. Securities	329	Advance payment security	Since there is no advance payment request you to kindly delete this requirement	Reference may be made to Appendix I Terms of Payment, I, page 348. There is no advance payment in this project and hence no Advance payment security is required to be submitted.
29	TERMS OF PAYMENT	348	i) Disbursement of Payment for project implementation period	Request you to kindly process the payment on monthly pro rata basis on submission of invoices	No Change. Bid condition stands.

  
**Executive Engineer,**  
**Works Division III,**  
**Water Resources Department,**  
**Ponda-Goa.**

**PRE-BID QUERIES**


S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
30	ITB 30.3	42	The adjustment shall be based on the highest price of the item or component as quoted in other substantially responsive Bids, subject to a maximum of the estimated price of the item. If the price of the item or component cannot be derived from the price of other substantially responsive Bids, the Employer shall use its best estimate.	We request you to kindly delete this clause	No Change. Bid condition stands.
31	2.2.1 History of non-performing contracts	74	Non-performance of a contract did not occur within the last five (5) years prior to the deadline for application submission, based on all information on fully settled disputes or litigation. A fully settled dispute or litigation is one that has been resolved in accordance with the Dispute Resolution Mechanism under the respective contract, and where all appeal instances available to the bidder have been exhausted.	We request you to kindly clarify if this clause apply to contracts where Bidder is the sole contractor or applies even if the Bidder was a JV/ Consortium Partner	JV not permitted as per clause no. ITB 4.1, Section II Bid Data Sheet, Page No. 39
32	Appendix to Technical Part Form of Bid Security (Bank Guarantee)	131	This Guarantee will remain in force up to and including the date _____17 days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date.	We request you to modify the clause as: This Guarantee will remain in force up to and including the date _____17 days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date	No Change. Bid condition stands.
33	19.1	254	19.1 The Appendix to the Contract Agreement titled List of Major Items of Plant and Installation Services and List of Approved Subcontractors, specifies major items of supply or services and a list of approved Subcontractors against each item, including manufacturers. Insofar as no Subcontractors are listed against any such item, the Contractor shall prepare a list of Subcontractors for such item for inclusion in such list	We request you to kindly confirm General labour contractors and material procurement orders shall not be construed as Subcontracting.	It is for the bidder / contractor to prepare the list of sub contractors for each item for inclusion in Appendix to Technical part under Bidding Forms (page 106) and Appendix 5 to the contract Agreement (page 356).
34	21.2.2.	257	After inspection, such item shall fall under the care, custody and control of the Contractor. The provision of this GC Sub-Clause 21.2.2 shall apply to any item supplied to remedy any such shortage or default or to substitute for any defective item, or shall apply to defective items that have been repaired	We request you kindly confirm any costs incurred due to repair or substitution of the defective item shall be reimbursed to the Contractor.	All the expenses during implementation and two years O&M after the successful Operational Acceptance shall be borne by the bidder

  
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**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
35	22.6	267	<p>If the Contractor is unable or unwilling to do such work immediately, the Employer may do or cause such work to be done as the Employer may determine is necessary in order to prevent damage to the Facilities. In such event the Employer shall, as soon as practicable after the occurrence of any such emergency, notify the Contractor in writing of such emergency, the work done and the reasons therefor. If the work done or caused to be done by the Employer is work that the Contractor was liable to do at its own expense under the Contract, the reasonable costs incurred by the Employer in connection therewith shall be paid by the Contractor to the Employer. Otherwise, the cost of such remedial work shall be borne by the Employer.</p>	<p>We request you to kindly note that the Contractor cannot be held liable for the costs of such Emergency Works. Only if the need for Emergency Works is due to a direct fault of the contractor, the differential costs of the works can be a liability of the contractor.. PI confirm.</p>	<p>No Change. Bid condition stands.</p>
36	25.5	273-274	<p>25.5.1 In the event that the Contractor is unable to proceed with the Precommissioning of the Facilities pursuant to Sub-Clause 24.3, or with the Guarantee Test pursuant to Sub-Clause 25.2, for reasons attributable to the Employer either on account of non availability of other facilities under the responsibilities of other contractor(s), or for reasons beyond the Contractor's control, the provisions leading to "deemed" completion of activities such as Completion, pursuant to GC Sub Clause 24.6, and Operational Acceptance, pursuant to GC Sub-Clause 25.3.4, and Contractor's obligations regarding Defect Liability Period, pursuant to GC Sub-Clause 27.2, Functional Guarantee, pursuant to GC Clause 28, and Care of Facilities, pursuant to GC Clause 32, and GC Clause 41.1, Suspension, shall not apply. In this case, the following provisions shall apply. 25.5.2 When the Contractor is notified by the Project Manager that he will be unable to proceed with the activities and obligations pursuant to above Sub-Clause 25.5.1</p>	<p>We request you to kindly note that the hindrances caused to the contractor from pre-commissioning and Guarantee tests due to reasons beyond its control, more than 180 days, in addition to the compensation as stated in 25.5.3, the provisions leading to "deemed" completion of activities such as Completion, pursuant to GC Sub-Clause 24.6, and Operational Acceptance, pursuant to GC Sub-Clause 25.3.4, and Contractor's obligations regarding Defect Liability Period, pursuant to GC Sub-Clause 27.2, Functional Guarantee, pursuant to GC Clause 28, and Care of Facilities, pursuant to GC Clause 32, and GC Clause 41.1, Suspension, shall apply.</p>	<p>No Change. Bid condition stands.</p>

  
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37	27.8, 27.10		278	27.8 If the Facilities or any part thereof cannot be used by reason of such defect and/or making good of such defect, the Defect Liability Period of the Facilities or such part, as the case may be, shall be extended by a period equal to the period during which the Facilities or such part cannot be used by the Employer because of any of the aforesaid reasons.27.10 In addition, any such component of the Facilities, and during the period of time as may be specified in the PC, shall be subject to an extended defect liability period. Such obligation of the Contractor shall be in addition to the defect liability period specified under GC Sub-Clause 27.2.	We request that the DLP may be extended until the defects are rectified only.	No Change. Bid condition stands.
38	29		279	29.1 The Contractor shall, subject to the Employer's compliance with GC Sub-Clause 29.2, indemnify and hold harmless the Employer and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of whatsoever nature, including attorney's fees and expenses, which the Employer may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright or other intellectual property right registered or otherwise existing at the date of the Contract by reason of: (a) the installation of the Facilities by the Contractor or the use of the Facilities in the country where the Site is located; and (b) the sale of the products produced by the Facilities in any country.	We request you to add: Provided: a)The Employer makes no statement prejudicial to the Contractor. b) Such infringement is not caused by or contributed to by acts of the Employer. c) The Contractor is promptly notified in writing of the details of the claim; d) The Contractor has sole control been allowed to participate in the process of the defence of such claim and any related settlement negotiations; and e) The Employer gives the Contractor all reasonable assistance at the Employer's expense in connection therewith.	No Change. Bid condition stands.
39	30.1		280	(a) neither Party shall be liable to the other Party, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, which may be suffered by the other Party in connection with the Contract, other than specifically provided as any obligation of the Party in the Contract,	We request you to modify the clause as: neither Party shall be liable to the other Party, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, which may be suffered by the other Party in connection with the Contract, <del>other than specifically provided as any obligation of the Party in the Contract,</del>	No Change. Bid condition stands.

  
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**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
40	42.2.2	301	then the Employer may, without prejudice to any other rights it may possess under the Contract, give a notice to the Contractor stating the nature of the default and requiring the Contractor to remedy the same. If the Contractor fails to remedy or to take steps to remedy the same within fourteen (14) days of its receipt of such notice, then the Employer may terminate the Contract forthwith by giving a notice of termination to the Contractor that refers to this GC Sub-Clause 42.2	We request you to kindly provide for 45 working day's notice of termination.	No Change. Bid condition stands.
41	42.1	298	42.1 Termination for Employer's Convenience 42.1.1 The Employer may at any time terminate the Contract for any reason by giving the Contractor a notice of termination that refers to this GC Sub-Clause 42.1	We request you to kindly note that the Employer shall be liable to return all Securities furnished by the contractor intact.	Provisions of General Conditions clause 13 and clause 34 of General Conditions at pages 245 to 247 and 280 to 286 apply.
42	42.3.3	304	42.3.3 If the Contract is terminated under GC Sub-Clauses 42.3.1 or 42.3.2, then the Contractor shall immediately	We request you to kindly note that the Employer shall be liable to return all Securities furnished by the contractor intact.	Provisions of General Conditions clause 13 and clause 34 of General Conditions at pages 245 to 247 and 280 to 286 apply.
43	27.8	335	GC 27.8 - Add the following at the end of the Sub-Clause: "Upon correction of the defects in the Facilities or any part thereof by repair/replacement, such repair/replacement shall have the Defect Liability Period extended by a period of twelve (12) months from the time such replacement/repair of the facilities or any part thereof".	We request you to kindly delete this clause. The DLP shall be fixed and any defects notified shall be remedied. There shall be no extension for the remedied portion or for any other reasons, except for the period till which a notified defect is remedied..	No Change. Bid condition stands. Reference may also be made to the reply against sl. No. 37
44	General		Stamp Duty	We request you to kindly clarify as to who shall be bearing the Stamp duty value	The amount of stamp duty shall be borne by the successful bidder.
45	Letter of Bid	89	(m) Adjudicator: We accept the appointment of [insert name proposed in Bid Data Sheet] as the Adjudicator. [or] We do not accept the appointment of [insert name proposed in Bid Data Sheet] as the Adjudicator, and propose instead that [insert name] be appointed <sup>13</sup> as Adjudicator, whose daily fees and biographical data are attached.	We request you to kindly delete this clause.	No Change. Bid condition stands. Reference may also be made to the reply against sl. No. 15
46	Section VI Employer's Requirements	161	<b>(XI) One Li-Ion spare battery of 2500 mAh or more capacity to be provided with all</b>	We request you to kindly modify the clause as Li Ion battery Capacity should be 2400mAh or more capacity to be provided with all	Refer Serial No 5 of Corrigendum II


  
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**PRE-BID QUERIES**

S No	Reference provisions in bid document	Page No of bid document referred	Description	Clarification Requested	Clarification
47			General	The security of the delivered and installed material will be purchaser liability once the handover is done. Also in case of theft, the amount of material and services will be paid at actuals.	Reference may be made to clause 34.1 b) of General Conditions page 284 and b) Appendix 3 to contract Agreement page 352.
48			General	We request to kindly confirm that one time and recurring charges for power, fuel and water at EOC's and sites will be in purchaser's scope.	All the expenses during implementation and two years O&M after the successful Operational Acceptance shall be borne by the bidder
49			General	Request you to kindly exclude theft of material, power outage, bandwidth downtime or any other failure not attributable to bidder from SLA downtime calculation.	Refer Serial No 4 of Corrigendum II
50			General	Request you to provide the building stability report where the rooftop monopole has to be erected.	The successful bidder shall provide the design details of the rooftop monopole including the design load to be transmitted from the monopole to the roof. Structural safety report of the building on which the monopole is to be erected will be provided based on the details provided by the successful bidder.
51			General	Request you to provide feasibility for erecting and access to site where spun concrete towers are to be erected	Survey of alert tower siren sites including sub soil testing for foundation design is part of the bidder's responsibility. Reference may be made to clause 2.1.6 (page 177-178) and clause 3) of Tower and Pole Load carrying capacity at page 182 of B. Technical Specifications.
52	18	23	The currency of the bid and the currency of payments shall be Indian Rupees only.	Bidder shall be allowed to quote the prices in 3 Foreign currencies viz. USD, EURO, British Pound and/or in one Local Currency INR. Also, the Payment shall be made by the Purchaser only in the currency quoted by the bidder.	No Change. Bid condition stands. Reference may be made to clause PC 12.4, Particular Conditions and ITB 18.1 page 23
53	37	34	Conversion to Single Currency	For evaluation purposes, TT selling rate of exchange of the currencies of State Bank of India (SBI) prevailing 28 days prior to the latest date of submission of Bid shall be considered for conversion of Foreign currency to Indian Rupees	No Change. Bid condition stands. Reference may be made to clause PC 12.4, Particular Conditions and ITB 18.1 page 23. Reference may also be made to the reply against sl. No. 52 above
54	2.1.5.2(f)	182	Primary mode of operation will be through Main Power supply. Battery should be provided as a backup to main power supply.	Assuming that the grid power supply up to RTU will be provided by customer. Please clarify.	Electric power connection shall be provided at the tower.
55	General		Integration with existing VHF System	Please clarify if any existing VHF system integration required or not.	Refer Serial No 6 of Corrigendum II

**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
56	2.1.2.2(12)	172	2 x LAN interface	Kindly change the Ethernet interface to 1xLAN interface	No Change. Bid condition stands.
57	2.1.3	174	Satellite Mobile Handset (not Part of the bid)	Still Satellite handset 9 nos is asked in the "Appendix to Financial Part". Please confirm whether bidder needs to quote it or not.	Refer Serial No 7 of Corrigendum II
58	Appendix to Financial Part	137	UCI 2 Nos	Generally UCI will be installed at SEOC for centralised integration So 1 No of UCI is sufficient for this project. Please Clarify.	No Change. Bid condition stands.
59	General		DMR	The list of locations given and the no. of fixed stations asked do not tally. Give list of locations where fixed stations to be installed	SEOC cum North Goa DEOC -1 no South Goa -1 no. TEOC -7 nos. Total -9 nos.
60	General		DMR	Since, Goa is a hilly terrain, use of repeater stations for VHF Stations may be required, which is not envisaged in the rfp.	Repeaters are not envisaged in the RFP.
61	General		DMR	No dispatch control for DMR Network is envisaged, even though the as per business requirements ( Pg.152, Part A, sec 1.0) an integrated technical approach is called for, but technical specification or Qty is not mentioned in the RFP.	Dispatch Control is not envisaged in the RFP.
62	17. Bid Prices and Discounts	21	Recommended spare parts shall be quoted separately (Schedule 6) as specified in either subparagraph (a) or (b) above in accordance with the origin of the spare parts.	Request you to kindly provide the percentage of mandatory and contractual spares to be procured. Also please provide schedule 6 which is missing in the tender.	Schedule 6 is not part of Appendices to Financial Part. The contractor shall stock critical spare parts for equipments for maintaining the minimum specified uptime. Reference may be made to Clause 1.4 Section III, Evaluation and Qualification Criteria, page 71-72.
63	Appendix to Financial Part	144	Note: Bidder to consider all cost towards implementing ESHS and EMR as stated in IFB 11.2 (j)	Kindly clarify the scope of work for which cost have to be considered under ESHS and EMR	Reference may be made to Annexure to BDS -ITB 11.2(j) at page 44-67
64	Appendix to Financial Part	145	Schedule No. 3. O&M for 2 years including mandatory spare parts and Schedule No. 4. AMC for 3 years after 2 years of O&M	Kindly confirm that prices quoted in schedule 3 and 4 will include all taxes, duties, levies and charges	Refer Serial No 8 of Corrigendum II
65	11. Contract Price	244	Unless an adjustment clause is provided for in the PC, the Contract Price shall be a firm lump sum not subject to any alteration, except in the event of a Change in the Facilities or as otherwise provided in the Contract.	Kindly confirm that the quantity mentioned in the Appendix to Financial Part are final and firm and no variation in the same will be considered. Please confirm	No Change. Bid condition stands. Reference may be made to clause 3.4 (page 236) and 39 (page 292) of General Conditions of Contract


  
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66			General	Kindly clarify which are all the statutory clearances available as on date for this subjected tender.	<p>Following statutory clearances are available with the Employer as on date:</p> <ol style="list-style-type: none"> <li>1. Clearance under CRZ notification from the Goa Coastal Zone Management Authority for the Alert Siren Towers.</li> <li>2. Permission of the Forest Department to erect the Alert Siren Towers at the two Olive Ridley sea turtle nesting sites at Morjim and Galgibag.</li> <li>3. No Objection Certificates from the Goa Tourism Department and the Goa Tourism Development Corporation to erect Alert Siren Towers and the rooftop monopole.</li> <li>4. Technical Clearances from the North Goa Planning and Development Authority, the South Goa Planning and Development Authority, the Mormagao Planning and Development Authority, the Greater Panaji Development Authority and the Town and Country Planning Department.</li> <li>5. No Objection Certificates from the health and sanitation angle from the concerned Primary Health Centres for the Alert Siren Towers.</li> <li>6. Orders for Allotment of Office Space issued by the Revenue Department to setup SEOC, DEOC and TEOC.</li> </ol> <p>In addition the Construction Licenses from the concerned village panchayats and Corporation of the city of Panaji will be obtained by the Employer.</p>
67	Earthing	181	Earthing strap shall consist of pure copper of nominal dimensions 3mmx2.5mmx60m long	We request to modify the clause as : Earthing strap shall consist of <b>equivalent GI</b> of nominal dimensions 3mmx2.5mmx60m long	No Change. Bid Condition stands.
68	Satellite communication	154		The recurring charges for satellite phone has to be limited Rs 10000/- per year per set.	Reference may be made to clause 1.2.2 Post Cyclone phase page 154 of Specifications.
69	ITB Point 4.	10 & 11	A Bidder may be a private entity or a government-owned entity—subject to ITB 4.5—or any combination of such entities in the form of a joint venture, (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent, unless otherwise specified in the BDS. In the case of a joint venture when permitted:	Please confirm if JV is acceptable in this tender	JV not permitted as per clause no. ITB 4.1, Section II Bid Data Sheet, Page No. 39. Reference may also be made to reply at SI. No. 1 and 31

**PRE-BID QUERIES**

S No	Reference provisions in bid document	to bid document referred	Page No of bid document referred	Description	Clarification Requested	Clarification
70	2.42 experience	Specific	80	2.42 Specific experience ii) The bidder, or the subcontractor, or the OEM or the authorized dealer should have implemented at least two (2) Alert Siren Systems at not less than a total of 40 (Forty) locations in the last five years. The bidder, subcontractor, OE or the authorized dealer shall submit purchase order and certificate attesting to the value and satisfactory completion of the contracts duly signed and sealed by the employer.	Two Alert Siren System is mentioned with total of 40 location. Does it mean total number of 40 sirens implemented in both projects taken together or 40 sirens each in one project. Please clarify. It also requested to consider PO of last 10 years.	Refer Serial No 1 of Corrigendum II
71			85	(a) Time Schedule Time to complete the design, supply, installation and commissioning of Early Warning Dissemination System (EWDS) from the effective date specified in Article 3 of the Contract Agreement till pre-commissioning is: 12 months (including monsoon season). No credit will be given for earlier completion. Not applicable.	Project Completion period of 12 month is very steep. Request you to please extend the completion period for another 12 month. Even monsoon period is to be considered where installation of the poles and towers will be hampered drastically.	No Change. Bid condition stands. Reference may plase be made to reply at SI. No. 16 above
72			153	Specification 1.2.1.Mounted on 20 meter or 15-meter-wide base angular tower	It is mentioned wide base angular tower. Please confirm if Galvanized steel wide base angular tower is acceptable.	Refer Serial No.9 of Corrigendum II
73			176	Specification 2.1.5.3 d) Total weight of the siren assembly should not exceed 150kg.	Weight of the siren proposed by Solas to meeting coverage area of 1Km Radius will be approximately 200Kg. We shall design the tower according to this weight. I hope this is acceptable	Refer Serial No.10 of Corrigendum II
74			348	Payment Terms	Request the authority to consider advance payment of 20% of the materials value.	No Change. Bid condition stands.
75			177-178	(2.1.6.1) Bid submission date 11-July 2019	Request the authority to extend the bid submission date by four weeks. We have to gather lot of data and also have plan to visit each and every location to ascertain the costing, in view to evaluate and ensure work with regard to approachability and right of way across private properties; for which it has been stated that bidder has to enter into negotiations with the owners. So we request to kindly extend the bid submission by four weeks time to work on costing and provide a comprehensive bid.	Reference may be made to Corrigendum 1 uploaded on the e-Tender portal.
76				Bid Security requirement	We request the authority to give weaver of the Bid security to the Bidders have MSME certification. Hope this will be considered.	No Change. Bid condition stands. The present bid is for works and not for purchase of government stores.

  
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77		203	3.1.1 Factory Inspections: Factory Inspection shall be carried out by the purchaser prior to the shipment of the major items like DMR, Alert Tower Siren System, SBMDVT's, Tower etc to check the specifications as per the Technical requirements of the Tender. It is made obligatory that Factory Inspection Test reports shall be a part of the documents for release of payments. The expenditure i.e. TA/DA etc of four officers towards inspection of the items shall be borne by the successful bidder. The factory inspection shall be at client's discretion.	Please clarify if one inspector shall be attending one manufacture or all 4 inspector shall be attending each vendor. What assume following 4 expenses to be considered for each inspector. 1. Airfare to and fro from GOA. 2. Hotel Stay in Manufacturers place. 3. Internal Transport from Airport to Hotel. 4. Food for the entire stay. However VISA arrangement to visit the factory inspection test outside India and its expenses shall be arranged by Individual or Employer.	Expenses of travel, board and lodging of the officers will be borne by the Employer. Bidder responsibility will be to arrange for FAT at OEM premises. Reference may please be made to reply at SI. No. 26 above.
78			Mast type : a).Bidder has been asked to get design for its working and stability at projected wind speed and working conditions by using concrete spun towers . B). Certification of design by IIT	Based on extensive experience in the specified field the bidder will submit the proven design of single pole mast /triangular steel mast ensuring the stability for the required wind /weather conditions . B. it is submitted that accredited institutions may also be included for fast approval of design - to facilitate fast progress of work in assigned # allotted time period	No Change. Bid condition stands. Reference may be made to ITB 13.4 Section II BDS (page 40) and clause 1.5 Section III Evaluation and Qualification Criteria (page 72). B. No Change. Bid condition stands.
79			Fibre Glass hut by the side of mast to keep the equipment associated with the system	Design of associated equipment for siren and its safety parametrs are of international standards as stated in the tender . The sizes are accordingly and optimally designed to meet adverse conditions . These equipments can be well installed suitably #asthetically on the designed masts itself . need of additional hut to install these equipments can be well avoided. also it will avoid additional cabling , trenching and space requirements , thus effectively helping in function/operation, ensuring reliability# longevity of the system	No Change. Bid condition stands.
80			Affidavit towards submission of true information by the bidder	Bidder requests that relevant format # writeup & stamp value to enable preparation of desired affidavit be intimated towards its timely preparation	No Specific format is stipulated. Affidavit shall be prepared on stamp papers of the value as legally required and the affirmations made in the affidavit shall adeqautely cover undetaking as to the correctness of the information furnished by the bidder.

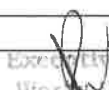
Queries at Serial No 81 to 141 below were received after the pre-bid meeting

81	1		Multimedia PC with 19" LCD Monitor Specification		Multimedia PC
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S No	Reference provisions in bid document	to bid document referred	Page No of bid document referred	Description	Clarification Requested	Clarification
82	1.1			Processor - Intel processor Corei5 or better	Kindly confirm generation of Processor to keep all bidder at Par since today 7th / 8th Generation processor are available in market.	Refer Serial No 11 of Corrigendum II
83	1.2			RAM - 2 GB DDR3 SDRAM 1066MHz	As per Industry standard Minimum 4GB with DDR4 RAM	Refer Serial No 12 of Corrigendum II
84	1.3			Hard Disk - 1TB HDD	5400 RPM or 7400 RPM - Kindly Confirm	Refer Serial No 13 of Corrigendum II
85	1.4			Video - DVD Read / write VGA	To be read as Disk Drive: DVD RW	Refer Serial No 14 of Corrigendum II
86	1.5			Monitor - 19" wide view flat monitor	To be read as Minimum 19" TFT Monitor	Refer Serial No 15 of Corrigendum II
87	1.6			Ports - 1 Serial More than 4 USB 2.0(min. 2 at front),	To be read as Ports: Minimum 6 USB, 1 Serial, 1 HDMI, 1 Microphone, 1 Headphone Port.	Refer Serial No 16 of Corrigendum II
88	1.7			Audio - Microphone, Headphone, 2	Kindly delete - 2	Refer Serial No 17 of Corrigendum II
89	1.8			Mouse - PS2	To be Read as Mouse - PS2 / USB Port	Refer Serial No 18 of Corrigendum II
90	1.9			Network ports - 1 RJ-45, 10/100/1000 Gigabit onboard Ethernet	To be read as - Integrated Gigabit Ethernet	Refer Serial No 19 of Corrigendum II
91	1.10.			Operating system - Pre loaded Microsoft Windows 10 with latest updates	To be read as - Pre Installed Windows 10 Pro	Refer Serial No 20 of Corrigendum II
92	1.11			Restore / recovery - Software CD	Restore / Recovery - Intergatred or through CD	Refer Serial No 21 of Corrigendum II
93	2			High end PC	To be read as High End Workstation	Refer Serial No 22 of Corrigendum II
94	2.1			Processor Name - Intel Xeon E3-1275	To be read as Intel Xeon E5 Series Processor	Refer Serial No 23 of Corrigendum II
95	2.2			Processor Speed - 3.8 GHz	To be read as - Minimum 1.7Ghz Processor Speed	Refer Serial No 24 of Corrigendum II
96	2.3			RAM - 32 GB	RAM - Minimum 16 GB Expandable upto 32GB or More	Refer Serial No 25 of Corrigendum II
97	2.5			Graphics Card - AMD Radeon Pro WX 7100	Graphic Card - Integrated Graphic / AMD Radeon Pro WX 7100 or better	Refer Serial No 26 of Corrigendum II
98	2.8			Screen Size - Minimum 19 inches	To be read as - Minimum 19" Touch Screen (Any make)	No Change. Bid condition stands.
99	2.9			Network ports - 1 RJ-45, 10/100/1000 Gigabit onboard Ethernet	To be read as - Integrated Gigabit Ethernet	Refer Serial No 27 of Corrigendum II
100	2.10.			Ports - 1 Serial More than 4 USB 2.0(min. 2 at front), HDMI	To be read as Ports: Minimum 6 USB, 1 Serial, 1 HDMI, 1 Microphone, 1 Headphone Port.	Refer Serial No 28 of Corrigendum II
101	2.12			Operating System - Windows 10	To be read as - Pre Installed Windows 10 Pro	Refer Serial No 29 of Corrigendum II
102	2.13			Networking - Wi-Fi, Bluetooth	To be read as - Integrated Wi-Fi, Bluetooth	Refer Serial No 30 of Corrigendum II
103	<b>3</b>			<b>All in One Printer</b>	<b>Current Printer Specs are specific to HP</b>	Please see clarification provided below
104	3.1			Functions - Print, copy, scan, fax	Kindly delete - FAX or Else confirm FAX specs	Reference may be made to 2.3.6 at page 191 of B. Technical specifications. However, fax need to be intergerated part of All in one printer
105	3.2			Duty cycle (monthly) - Up to 15,000 pages	To be read as - Minimum 10000 Page or higher	Refer Serial No 31 of Corrigendum II
106	3.3			Print technology - Laser	To be read as - Laser / Monochrome Technology	No Change. Bid condition stands.
107	3.4			Print Speed Black - Normal : up to 20 ppm	To be read as - Minimum 15 PPM or higher	No Change. Bid condition stands.

  
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 Bangalore

**PRE-BID QUERIES**

S No	Reference provisions in bid document	to bid document referred	Description	Clarification Requested	Clarification
108	3.5		Processor speed - 600 MHz	To be deleted as it is properitory to Hewelett Packard	Refer Serial No 32 of Corrigendum II
109	3.6		Mobile printing capability - Wireless direct printing, Mobile Apps	To be read as Integrated Wifi Connectivity	No Change. Bid condition stands.
110	3.7		Wireless capability - built-in WiFi 802.11b/g/n		No Change. Bid condition stands.
111	3.8		USB - Hi-Speed USB 2.0 port (host/device)	To be read as - Interagted Ethernet	Refer Serial No 33 of Corrigendum II
112	3.9		Phone line port - Phone line port (in/out)	To be read as - Integrated Ethernet & Wifi	No Change. Bid condition stands.
113	3.10.		Scan resolution, optical - Up to 1200 dpi	To be deleted	Refer Serial No 34 of Corrigendum II
114	3.11		Scanner file format - Windows Scan Software supports file format: JPG, RAW(BMP), PDF, TIFF, PNG. Mac Scan Software supports file format: TIFF, PNG, JPEG, JPEG-2000, PDF, PDF-Searchable, RTF, TXT	To be deleted	No Change. Bid condition stands.
115	3.12		Scan size (flatbed), maximum - 216 x 297 mm		No Change. Bid condition stands.
116	3.13		Color scanning - Yes	To be deleted	No Change. Bid condition stands.
117	3.14		Scan technology - Contact Image Sensor (CIS)	To be deleted	No Change. Bid condition stands.
118	3.15		Bit depth - 24-bit	To be deleted	No Change. Bid condition stands.
119	3.16		Levels of grayscale - 256	To be deleted	No Change. Bid condition stands.
120	<b>4</b>		<b>Alert Tower Siren System</b>		
121	4.1		Omni directional horn 4 horns (at 90 degrees) or directional horns in a particular direction.	please clarify	No specific query received
122	4.2		Depending upon the physical structure of the horn the pole used should be allowed to be changed	please clarify	Reference of the query to provision in the bid document is not clear. However no alternative technical solution is allowed. Reference may be made to ITB 13.4 Section II BDS (page 40) and clause 1.5 Section III Evaluation and Qualification Criteria (page 72).
123	4.3		Medium of connectivity through - lan/Wan	please clarify	Medium of Connectivity - Virtual Private Network (VPN).
124	4.4		The source of power - AC power vs DC power	please clarify	Reference may be made to 2.1.5.2 (f), page 175-176 of B. Technical Specifications
125	4.5		Lithium ion batteries		No specific query received

  
**Executive Engineer,**  
**Works Division III,**  
**Water Resources Department,**  
**Ponda-Goa.**

**PRE-BID QUERIES**


S No	Reference provisions in bid document	to of bid document referred	Description	Clarification Requested	Clarification
126	4.6		The material of horn is specified as Stainless steel but aluminum is a better option as it is lighter and more corrosion resistant.	please clarify	Reference of the query to provision in the bid document is not clear. However no alternative technical solution is allowed. Reference may be made to ITB 13.4 Section II BDS (page 40) and clause 1.5 Section III Evaluation and Qualification Criteria (page 72). Reference may also be made to 2.1.5.3(d).
127	4.7		Refer page 179.Strobe light are to be mounted on the tower top integrated with the siren system on the tower. Activation of the strobe light shall be done from SEOC and TEOC. Multi colour namely RED and AMBER colour are required and choice of colour to be selected as per the severity felt by officials at SEOC and TEOC. With minimum 3000 Hours lamp life the strobe light should be visible at minimum 1.5 Km with 0.1 Lux all around. NOTE:LUMEN measures the amount of light from light source; LUX measures how bright a light appears at the target area (see attachment). No where I am able to find lamp life (3000 Hours) or Lux rating. Pl suggest who are the suppliers of this desired product.	please clarify	Query not admissible.
128	4.8		Page No. 98, 140 Item #10. Hardware based (Software embedded) alert activation having display for alert siren triggering remotely		No specific query received
129	4.9		Page no.-174 In TEOCs operation and control will be hardware base solution and all the activities details (log files) Vs pg-155 The SEOC (software base solution) and TEOC's (Software base/hardware base having embedded software solution) will be enabled with such facilities.	please clarify	Refer Serial No 35 of Corrigendum II
130	4.10.		Page No. 177 2.1.5.2 e) The RTU/Siren should be enable to run on grid power supply and as a standby battery should be also provisioned.		No specific query received
131	4.11		Page No. 175: minimum bandwidth of 512 Kbps Request dedicated 512 KBPS or else 2 MBPS		Employer will provide 512 kbps dedicated VPN connectivity with one static IP at each tower location
132	5		<b>Satellite Based Mobile Voice Data Terminal (SBMDV)</b>	please clarify	No specific query received

**PRE-BID QUERIES**

S No	Reference provisions in bid document	to bid of bid document referred	Description	Clarification Requested	Clarification
133	5.1		Refer Page 168: Secure - SBMDV should meet military and government requirements for security and supports all major VPN products. - For VPN additional equipment firewall will be required	please clarify	VPN connectivity being provided for this project shall have inbuilt firewall.
134	5.2		Refer Page 168: Cellular failover - SBMDV shall also be used as a dependable back-up solution to Landline/cellular network. - The EXPLORER PTT Solution consist of an EXPLORER 325 satellite Terminal , a PTT unit and a Celular USB Modem.		No specific query received
135	5.3		Refer Page 168: Store and Forward Video - External device wil be required to perform stored and forward video	please clarify	Refer Serial No 36 of Corrigendum II
136	5.4		For land EXPLORER terminal , end user customer will have to provide WPC License (AIP) along with PO. And delivery of this land explorer terminal on receipt of AIP will be 4-6 weeks from the date of receipt of Purchase Order and WPC License Copy (from end user).		No specific query received
137	5.5		For Isatphone handheld , please confirm if the end user will be using outside the building or structure as one will need to use external antenna with docking unit for usage of Isatphone inside a control room etc . We have only quote for Isatphone unit with out docking unit and Explorer terminal. Billing will be in the name of end user as per DOT guidelines.	please clarify	Refer Serial No 37 of Corrigendum II
138	<b>6</b>		<b>Tower and Pole</b>	please clarify	
139	6.1		Refer page 182 - One rest platforms access to the antenna and cable at 8m/10m. HBL : Our 15m and 20m spun concrete tower have rest platform at 8.3M from the top.	please clarify	No Change. Bid condition stands. Reference may be made to a) under Facilities on Tower, page181-182 of B. Technical Specifications
140	6.2		Refer Page 182 - Tender specs ask for internal ladder. HBL : In spun concrete tower , ladder is always external as also shown in the pictorial view on page 183.	please clarify	Refer Serial No 38 of Corrigendum II
141	6.3		Page-155: Angular Tower (BOQ Spun Concrete / Monopole) INCONSISTENCY	please clarify	Only Spun Concrete and Monopole as specified in BoQ shall be provided
142	<b>4</b>		<b>Alert Tower Siren System</b>		
143	Page 69		CV Remove		No Change. Bid condition stands.
144	<b>5</b>		<b>Satellite Based Mobile Voice Data Terminal (SBMDV)</b>		
145	5.6		Further the Isat phone quantity is 9 nos., however the BGAN explorer is 02 no.s	Please clarify	No Change . Bid Condition stands.


**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
146	Experience Criteria		<p>ii) The bidder, or the subcontractor, or the OEM or the authorized dealer should have implemented at least two (2) Alert Siren Systems at not less than a total of 40 (Forty) locations in the last five years. The bidder, subcontractor, OEM or the authorized dealer shall submit purchase order and certificate attesting to the value and satisfactory completion of the contracts duly signed and sealed by the employer.</p>	Request waiver for this condition so that 40 deployments is not a pre-requisite to the qualifying criteria	No Change. Bid condition stands. Reference may be made to reply at Sl. No. 7 above
147	Experience Criteria		<p>iv) The bidder, or the subcontractor, or the OEM or the authorized dealer should have supplied and maintained at least fifty (50) nos. of diesel generator sets, Un interrupted Power supply systems along with batteries in the last five years. The bidder, subcontractor, OEM or the authorized dealer shall submit purchase order and certificate attesting to the value and satisfactory completion of the contracts duly signed and sealed by the employer.</p> <p>Note: For purposes of 2.4.2 (b), technical experience will be reckoned either severally for the bidder or jointly for the pooled experience between the bidder, subcontractor, OEM, and the authorized dealer provided they have entered into a specific mutual agreement for this purpose for the project. Copies of the agreements signed for this purpose shall be submitted along with the experience certificate and the purchase orders.</p>	Request waiver for this condition so that 50 deployments is not a pre-requisite to the qualifying criteria	No Change. Bid condition stands. Reference may be made to reply at Sl. No. 8 above

  
 Executive Engineer,  
 Works Division III,  
 Water Resources Department,  
 Panaji-Goa.

**PRE-BID QUERIES**

S No	Reference to provisions in bid document	Page No of bid document referred	Description	Clarification Requested	Clarification
148	TERMS OF PAYMENT		<p>Schedule No. 1. EWDS supply                      Within forty-five (45) days after receipt of material (at site) in total. There will be no part payment against partial supply</p> <p>Schedule 1:  <input checked="" type="checkbox"/> Advance Payment- Nil  <input checked="" type="checkbox"/> 5% of Contract Price of Schedule No. 1 will be paid against invoice after submission of Project design report along with design of the towers.  <input checked="" type="checkbox"/> 75% of Contract Price of Schedule No. 1 will be paid against invoice after successful supply of Good against delivery of receipt of ordered materials in Good condition at Destination and approval of the delivery report by SPIU as per Schedule of Requirements.  <input checked="" type="checkbox"/> 20% of Contract Price of Schedule No. 1 will be paid against submission of Acceptance Test Report.</p>	Request minimum of 30% advance payment along with PO, given that this is a capex intensive project. 60% against supply. 10% against WCC.	No Change. Bid condition stands.
149			<p>Schedule No. 2. Installation and commissioning including manpower                      Within forty-five (45) days after receipt of Installation and commissioning certificate from 3rd party.</p> <p>Schedule 2:  <input checked="" type="checkbox"/> 70% of Contract Price of Schedule No. 2 will be paid against invoice after successful completion of installation and commissioning of all the equipments and approval of the installation report by SPIU.  <input checked="" type="checkbox"/> 10% of Contract Price of Schedule No. 2 will be paid against invoice after successful completion of Training  <input checked="" type="checkbox"/> 20% of Contract Price of Schedule No. 2 will be paid against submission of Acceptance Test Report.</p>	Request minimum of 30% advance payment along with PO, given that this is a capex intensive project. 60% against supply. 10% against WCC.	No Change. Bid condition stands.
	TERMS OF PAYMENT				
150			<p>Schedule No. 3. O&amp;M for 2 years including mandatory spare parts                      Quarterly payment within forty-five (45) days after receipt of invoice                      Contract Price of Schedule No. 3 will be paid (under warranty period) against invoice in quarterly basis in arrears i.e. after completion of the respective period.</p>	Request O&M payment T&C to be revised to monthly in advance	No Change. Bid condition stands.

  
**Executive Engineer,  
 Works Division III,  
 Water Resources Department,  
 Ponda-Goa.**

**PRE-BID QUERIES**


S No	Reference provisions in bid document	Page No of bid document referred	Description	Clarification Requested	Clarification
151	TERMS OF PAYMENT		Schedule No. 4. AMC for 3 years after completion of 2 years of O&M Quarterly payment within forty-five (45) days after receipt of invoice	Contract Price of Schedule No. 4 will be paid (under AMC period) against invoice in quarterly basis in arrears i.e. after completion of the respective period.	No Change. Bid condition stands.
152	TECH SPECS		TEOC (2.1.5.1) page 174	Please clarify the number of TEOC's	Total no. of TEOC's - 7 nos.
153	TECH SPECS		Live announcement through ethernet (RTU)	Would recommend Wi-fi over ethernet, since generic communication medium is wireless. In addition, live announcement is for one box or multiple boxes simultaneously	No Change. Bid condition stands.
154	SLA			The Bid document specifies SLA of 99% and also explicitly states that the RTU needs battery back-up of 30 mins. Who is responsible for downtime of service provider or power failures corresponding to service provider network? Request Clarification	Refer Serial No 4 of Corrigendum II. Reference may be made to reply at Sl. No. 21 above

**The following queries were received afeter the pre-bid meeting**

155	Simultaneous voice and data		A single SBMDV terminal provides simultaneous voice and broadband data up to 464 kbps, enabling you to access the internet or send email, and talk on the phone at the same time.	A single SBMDV terminal provides simultaneous voice and broadband data supporting at least 448 kbps (Send/Receive), enabling you to access the internet or send email, and talk on the phone at the same time.	No Change. Bid condition stands.
156	Global coverage		SBMDV should be available across the globe, with the exception of the extreme polar regions, providing connectivity wherever your business or operations take you.		No specific query received.
157	Reliable network		SBMDV services shall be delivered via the Inmarsat 4 network, with 99.9% satellite and ground network availability.		No specific query received.
158	Reliable L- band service		SBMDV Link's connection should be maintained even during extreme environmental conditions. Its L- band radio technology gives it a high degree of pointing tolerance even during strong winds or seismic activity.		No specific query received.
159	Secure		SBMDV should meet military and government requirements for security and supports all major VPN products.	SBMDV should meet military and government requirements for security. (rest to be removed)	No Change. Bid condition stands.
160	Totally flexible		Should be supporting the latest IP services, as well as traditional circuit-switched voice and data, SBMDV integrates seamlessly with corporate networks and legacy applications.		No specific query received.
161	Streaming rate		SBMDV should provide a maximum throughput of 128 kbps Streaming.		No specific query received.
162	Cellular failover		SBMDV shall also be used as a dependable back-up solution to Landline/cellular network.	To be Removed	Refer Serial No 39 of Corrigendum II.

**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
163	Easy to use		SBMDV terminal should be flexible and easy to use in a moving vehicle also.		No specific query received.
164	Interfaces		1 x Analogue RJ-11 phone/fax interfaces 2 x LAN interface Connector type: RJ-45 Power over Ethernet (PoE) Data rate: 10/100 Mbps DC power connector: DC power input connector with Remote on/off and locking mechanism. SIM-Card slot	Data rate: 10/100 Mbps-To be removed  DC power input connector with Remote on/off and locking mechanism- to be removed	Refer Serial No 40 of Corrigendum II.

  
 Director, Public Works Division III,  
 Resources Department,  
 Public Works Department,



**PRE-BID QUERIES**

S No	Reference provisions in bid document	to Page No of bid document referred	Description	Clarification Requested	Clarification
165			Telephone Broadband Internet Push to Talk (Compatible) Email and file transfer Video conferencing Live video / audio, broadcasting WAN VoIP FTP Store and Forward Video		No specific query received.
166	Other parameters:		Approx Size: (H x W x D) 41 / 231 / 278 mm	Approx Size: 350 / 260 / 65 mm	Refer Serial No 41 of Corrigendum II.
167	Transceiver Dimensions		Approx Size: (H x W x D) 128 / Ø349 mm	Approx Size: 260 / 125 mm To be removed	Refer Serial No 42 of Corrigendum II.
168	Global Services:		Standard IP: Up to 464 kbps	Standard IP: at least 448 kbps	No Change. Bid condition stands.
169	Weight:		Transceiver weight: less than 2.5 kg	Transceiver weight: less than 3.5 kg	Refer Serial No 43 of Corrigendum II.
170	Power:		Power On/Off button. LED Status. Factory default reset. SBMDV web interface.	SBMDV Web interface (to be removed).	No Change. Bid condition stands.
171	Languages:		CE, GMPCS, FCC, Inmarsat Land Class 11 Type Approval (Vehicular)	Class 11 (Vehicular to be removed. To change to Inmarsat Type Approval	Refer Serial No 44 of Corrigendum II.
172			IP handset w/cradle & coiled cable	To be removed	No Change. Bid condition stands.
173	Package (Scope		Phone book, message indication, restricted dialing and traffic logging.	To be removed	No Change. Bid condition stands.
174				Also the "Satellite Phone External Antenna" is included as part of this tender for using inside a building for easy and effective communication purpose. We would like to bring to you kind notice that External Antenna alone may not solve the purpose as the Satellite Phone requires a Docking Station to Dock the Satellite Phone in connection with External Antenna for initiating/receiving phone calls. Hence it is kindly requested to include Docking Station also a part of this tender, please."	Refer Serial No 37 of Corrigendum II. Reference may be made to reply at Sl. No. 137

  
R.S. Godi

Executive Engineer  
Works Division III  
Water Resources Department  
Ponda - Goa  
Executive Engineer,  
Works Division III,  
Water Resources Department,  
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**GOVERNMENT OF GOA  
OFFICE OF THE EXECUTIVE ENGINEER  
WORKS DIVISION III  
WATER RESOURCES DEPARTMENT  
PONDA – GOA**

**NATIONAL CYCLONE RISK MITIGATION PROJECT II**

**INVITATION FOR BIDS (IFB)  
E-Procurement Notice  
(Two Envelope Bidding Process with e-Procurement)**

**NATIONAL COMPETITIVE BIDDING**

Name of Work: Design, Supply, Installation, Commissioning, Implementation, operation and Maintenance for Early Warning Dissemination System for GOA under NCRMP-II

Ref: NCRMP II/GOA/NCB/EWDS/PKG – 01B      Date: 17/07/2019

**CORRIGENDUM –II**

Ref: IFB No NCRMP II/GOA/NCB/EWDS/PKG – 01      Date: 06/06/2019

The following amendments are made in the Bid Document:

S No	Reference to provision in Bid Document	Original Bid provision	Amended Bid provision
A	B	C	D
1.	2.4.2 Specific Experience (ii), Page 80, Section III: Evaluation & Qualification Criteria	The bidder, or the subcontractor, or the OEM or the authorized dealer should have implemented at least two (2) Alert Siren Systems at not less than a total of 40 (Forty) locations in the last five years. The bidder, subcontractor, OEM or the authorized dealer shall submit purchase order and certificate attesting to the value and satisfactory completion of the contracts duly signed and sealed by the employer.	The bidder, or the subcontractor, or the OEM or the authorized dealer should have implemented a total of not less than 40 (Forty) Alert Siren Systems in not more than 2 (Two) projects in the last five years. The bidder, subcontractor, OEM or the authorized dealer shall submit purchase order and certificate attesting to the value and satisfactory completion of the contracts duly signed and sealed by the employer.
2.	2.4.2 Specific Experience (iv), Page 81, Section III: Evaluation & Qualification Criteria	iv) The bidder, or the subcontractor, or the OEM or the authorized dealer should have supplied and maintained at least fifty (50) nos. of diesel generator sets, Un interrupted Power supply systems along with batteries in the last five years.	The bidder, or the OEM should have supplied and maintained at least fifty (50) nos. of diesel generator sets and/or Un-Interrupted Power supply systems along with batteries in the last five years. The bidder, subcontractor,

Executive Engineer,  
Works Division III,  
Water Resources Department,  
Ponda-Goa,

S No	Reference to provision in Bid Document	Original Bid provision	Amended Bid provision
A	B	C	D
		The bidder, subcontractor, OEM or the authorized dealer shall submit purchase order and certificate attesting to the value and satisfactory completion of the contracts duly signed and sealed by the employer.	OEM or the authorized dealer shall submit purchase order and certificate attesting to the value and satisfactory completion of the contracts duly signed and sealed by the employer.
3.	2.1.2 Satellite Based Mobile Voice Data Terminal Page 165, Section B. Technical Specifications	Vendor has to Design, Supply, Installation, testing, commissioning and maintain all the DMR equipment along with the software for 2 years under warranty and 5 years under AMC from the date of Successful Operational Acceptance.	Vendor shall Design, Supply, Install, test, commission and maintain all the DMR equipment along with the software for 2 years under warranty and 3 years under AMC from the date of Successful Operational Acceptance
4.	Clause 1.4, Functional Guarantees of the facilities – technical, page 72	Less than the minimum specified functionalities shall not be acceptable. The contractor shall stock critical spare parts for equipments for maintaining the minimum specified uptime.	Minimum SLA to be met – 99% (without penalty) Below 99% and up to 95% - 10% deduction will be made from quarterly payment as specified in payment terms Below 95% - No Payment for that quarter shall be made. The contractor shall stock critical spare parts for equipments for maintaining the minimum specified uptime.  Note: Power outage and bandwidth downtime failures not attributable to the bidder shall be excluded from SLA downtime calculations
5.	Clause 2.1.1.2, 1(xi) Page 161, Section B. Technical Specifications	One Li-Ion spare battery of 2500 mAh or more capacity to be provided with all radio.	One Li-Ion spare battery of 2400 mAh or more capacity to be provided with all radio
6.	Clause 2.1.4, Universal Communication Interface Page 168, Section B. Technical Specifications	<b>Introduction</b> The Universal Communication Interface system utilizes the key concepts of interoperability, reliability, scalability and portability to ensure that personnel from different disciplines, jurisdictions, organizations and agencies are able to communicate with each other instantly. For example, communication between first responders	<b>Introduction</b> The Universal Communication Interface system utilizes the key concepts of interoperability, reliability, scalability and portability to ensure that personnel from different disciplines, jurisdictions, organizations and agencies are able to communicate with each other instantly. For example, communication between first responders

Executive Engineer,  
Works Division III,  
Public Resources Department,  
Ponda Goa,

S No	Reference to provision in Bid Document	Original Bid provision	Amended Bid provision
A	B	C	D
		such as police, disaster rescue forces, fire brigades that use wireless communication systems mostly equipment operating in Very High Frequency ("VHF") band and administrators on Cellular network or terrestrial satellite based Very Small Aperture Terminals ("VSAT"), should be possible with Voice over Internet Protocol ("VoIP") based Universal communication system.	such as police, disaster rescue forces, fire brigades that use wireless communication systems mostly equipment operating in Very High Frequency ("VHF") band and administrators on Cellular network or terrestrial satellite based Very Small Aperture Terminals ("VSAT"), should be possible with Voice over Internet Protocol ("VoIP") based Universal communication system.  The UCI shall enable for communication between different technologies like Analog/VHF/HF/TETRA/HAM Radios/DMR /Sat phones/Mobile Phone Mobile Cellular -CDMA/Landline PSTN Telephone / VoIP Telephone. The UCI shall ensure interoperability and Voice communication among the above mentioned devices and existing VHF systems of Goa Police and Fire Department
7.	Clause 2.1.3, page 168, Section B. Technical Specifications	Satellite Mobile Handset (not Part of the bid)	Satellite Mobile Handset.
8.	Schedule No 3 & 4 Appendix to Financial Part, Page 145 & 146, Section IV- Bidding Forms	Schedule No. 3. O&M for 2 years including mandatory spare parts and Schedule No. 4. AMC for 3 years after 2 years of O&M	Rates quoted in Schedule 3 and Schedule 4 shall be inclusive of all taxes, duties, levies and charges. Formats of Schedule No 3 & 4 uploaded on the e-tender portal on 06/06/2019 have been replaced with new formats providing for individual breakup matching with functional guarantees technical. Bids submitted by bidders prior to the uploading of the new formats will be auto deleted from the e-tender portal. Such bidders who have already submitted their bids shall download all the schedules from the e-tender portal and resubmit their bids. New fo


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Water Resources Department  
Ponda Goa.

S No	Reference to provision in Bid Document	Original Bid provision	Amended Bid provision
A	B	C	D
			Schedules 3 & 4 shall be as per Annexure to this Corrigendum.
9.	Clause 1.2.1 Pre cyclone phase, page 153, Specifications	<ul style="list-style-type: none"> <li>Mounted on 20 meter or 15-meter-wide base angular tower</li> </ul>	<ul style="list-style-type: none"> <li>Mounted on 20 meter or 15-meter spun concrete tower</li> </ul>
10.	Clause 2.1.5.3 (d), B. Technical Specifications Page 176	d) The horns should be light weight, rugged, weather proof and compact. Should be molded in metallic aluminum/composite fiber for longer lasting finish. Total weight of horn assembly should not exceed 150 kgs. Should withstand harsh and saline weather condition and should be rustproof.	d) The horns shall be light weight, rugged, weather proof and compact and shall be moulded in metallic aluminium/composite fibre for longer lasting finish and shall withstand harsh and saline weather conditions and shall be rustproof. Weight of the siren shall be taken into account in designing the tower.
11.	Clause 2.3.1, B. Technical Specifications Page 188	Processor - Intel processor Core i5 or better	Processor - Intel processor Core i5 generation 7 or better
12.		RAM - 2 GB DDR3 SDRAM 1066MHz	RAM - 8 GB DDR4 RAM expandable to 16GB or higher.
13.		Hard Disk - 1TB HDD	Hard Disk - 1TB HDD; 5400 RPM or higher.
14.		Video - DVD Read / write VGA	Video - DVD RW or better.
15.		Monitor - 19" wide view flat monitor	Monitor - 19" LED; FHD (1920X1080) monitor
16.		Ports - 1 Serial More than 4 USB 2.0(min. 2 at front),	Ports - 1 Serial port; 1 VGA video port; 1 HDMI Port, 1 universal audio jack for headphone & MIC. Minimum 6 USB Ports (out of which at least 2 shall be USB 3.0 or better and 2 USB ports shall be in the front).
17.		Audio - Microphone, Headphone, 2	Audio - Microphone, Headphone/ High Definition Integrated Audio with Internal Speaker.
18.		Mouse - PS2	Mouse/ Keyboard - Standard Keyboard- PS2/USB; Mouse - PS2/USB
19.		Network Ports - 1 RJ-45, 10/100/1000 Gigabit onboard Ethernet	Network Ports - Minimum 1 Gbps Gigabit Ethernet port.


S No	Reference to provision in Bid Document	Original Bid provision	Amended Bid provision
A	B	C	D
20.		Operating System - Pre loaded Microsoft Windows 10 with latest updates	Operating System - Pre-Installed Licensed Windows 10 Professional with latest updates
21.		Restore/ Recovery - Software CD	Restore/ Recovery - Integrated or through Software CD.
22.	Clause 2.3.2, B. Technical Specifications Page 188-189	High end PC	High end Workstation.
23.		Processor Name - Intel Xeon E3-1275	Processor Name- Intel Xeon E3-1280
24.		Processor Speed - 3.8 GHz	Processor Speed: Minimum 3.6 GHz or higher.
25.		RAM - 32 GB	RAM - Minimum 2 x 16 GB Expandable up to 32GB.
26.		Graphics Card - AMD Radeon Pro WX 7100	Graphic Card - Integrated Graphic.
27.		Network ports - 1 RJ-45, 10/100/1000 Gigabit on board Ethernet	Network Ports - Minimum 1 Gbps Gigabit onboard Ethernet port.
28.		Ports - 1 Serial More than 4 USB 2.0(min. 2 at front), HDMI	Ports - 1 Serial port; 1 VGA video port; 1 HDMI Port, 1 universal audio jack for headphone& MIC. Minimum 6 USB Ports (out of which at least 2 shall be USB 3.0 or better and 2 USB ports shall be in the front).
29.			Operating System - Windows 10
30.		Networking - Wi-Fi, Bluetooth	Networking - Integrated Wi-Fi, Bluetooth.
31.	Clause 2.3.5, B. Technical Specifications Page 190-191	Duty cycle (monthly) - Up to 15,000 pages	Duty cycle (monthly) – at least 15,000 pages or better.
32.		Processor speed - 600 MHz	Deleted.
33.		USB - Hi-Speed USB 2.0 port (host/device)	USB - Hi-Speed USB 3.0 port (host/device) or better.
34.		Scan resolution, optical - Up to 1200 dpi	Scan Resolution: Colour and mono, ADF - up to 300 dpi; Colour and flatbed - up to 600 dpi; Mono, flatbed - up to 1200 dpi.
35.	Clause 2.1.5, B. Technical Specifications Page 174	In TEOCs operation and control will be hardware base solution and all the activities details (log files) will be stored with time stamp at the server in SEOC. IP network between the EOCs will be made available by the state	In TEOCs, operation and control will be Software based/hardware based having embedded software solution and all the activity details (log files) will be stored with time stamp at the server in SEOC. IP network between the EOCs will be made available by the state

Water Resources Department  
Pondicherry

S No	Reference to provision in Bid Document	Original Bid provision	Amended Bid provision
A	B	C	D
36.	Clause 2.1.2.2, 13 - Applications, B. Technical Specifications Page 166	Store and Forward Video	Store and Forward Video through external device.
37.	Clause 2.1.3.1 Scope of Work, B. Technical Specifications Page 168	In May 2017 BSNL has setup INMARSAT gateway at Ghaziabad for mobile satellite communication and is the only service provider in India. At present only Government departments are eligible for applying Satellite handset services. In this regard BSNL will act as a service provider to the purchaser of the service. Selected vendor will facilitate Goa state Government in purchasing the service from BSNL and in this regard state will support the vendor through filling up of necessary forms. For the project duration (2 years) all the expense (CAPEX and OPEX) are to be borne by the vendor and any amount over and above the minimum service charge will be paid by the state. For minimum value for the service refer BSNL web-site.	In May 2017 BSNL setup INMARSAT gateway at Ghaziabad for mobile satellite communication and is the only service provider in India. At present only Government departments are eligible for applying for Satellite handset services. In this regard BSNL will act as the service provider to the purchaser of the service. Selected vendor shall facilitate Goa state Government in purchasing the service from BSNL and in this regard the state will support the vendor through filling up of necessary forms. For the project duration of 2 years all the expenditure (CAPEX and OPEX) shall be borne by the vendor and any amount over and above the minimum service charges will be paid by the state. For minimum value of the service BSNL web-site may be referred. Provision for using the phone inside control room shall be adequately made through a docking unit and external cable of a minimum length of 15 meters along with antenna.
38.	Clause 2.7.4, Facilities on Tower, b) B. Technical Specifications Page 182	An internal ladder of width not less than 300mm starting from about 0.5-meter level of the tower from the ground and going up to the top with openings at the platform shall be provided.	An external ladder of width not less than 300mm starting from about 0.5-meter level of the tower from the ground and going up to the top with openings at the platform shall be provided.
39.	Clause 2.1.2.2, SBMDV – Detailed Technical Specifications, Sl. No. 10 B. Technical Specifications Page 166	SBMDV shall also be used as a dependable back-up solution to Landline/cellular network.	Deleted

  
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S No	Reference to provision in Bid Document	Original Bid provision	Amended Bid provision
A	B	C	D
40.	Interfaces	1 x Analogue RJ-11 phone/fax interfaces 2 x LAN interface Connector type: RJ-45 Power over Ethernet (PoE) Data rate: 10/100 Mbps DC power connector: DC power input connector with Remote on/off and locking mechanism. SIM-Card slot	No Change in Data rate: 10/100 Mbps  DC Input Range 10V to 32V
41.	Clause 2.1.2.2, SBMDV – Detailed Technical Specifications, Sl. No. 15 Other parameters, Transceiver Dimensions B. Technical Specifications Page 167	Approx Size: (H x W x D) 41 / 231 / 278 mm	Deleted
42.	Clause 2.1.2.2, SBMDV – Detailed Technical Specifications, Sl. No. 15 Other parameters, Antenna Dimensions B. Technical Specifications Page 167	Approx Size: (H x W x D) 128 / Ø349 mm	Deleted
43.	Clause 2.1.2.2, SBMDV – Detailed Technical Specifications, Sl. No. 15 Other parameters, Weight B. Technical Specifications Page 167	Transceiver weight: less than 2.5 kg	Deleted
44.	Languages:	CE, GMPCS, FCC, Inmarsat Land Class 11 Type Approval (Vehicular)	CE, GMPCS, FCC, Inmarsat Type Approval.

  
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**Schedule No.3. O&M for 2 years including mandatory spare parts**

Item	Description	Lots	Year 1 Price	Taxes payable on Year 1 price	Year 2 Price	Taxes payable on Year 2 price	Total Price <i>Sum=(4)+(5)+(6)+(7)</i>
1	2	3	4	5	6	7	8
1	Siren System and The Network	1					
	Towers and poles	1					
	DMR communication equipments with accessories	1					
	SBMDVT	1					
	Office setup	1					
	Power bank	1					
			TOTAL(to Schedule No.5.Grand Summary)				
			Name of Bidder				
			Signature of Bidder				
			All rates and prices shall be specified in Rs.only in accordance with ITB18.1.				

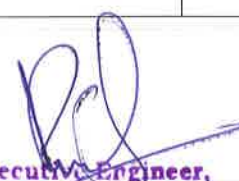


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## Schedule No.4. AMC for 3 years after 2 years of O&M

Item	Description	Lots	Year 3 Price	Taxes payable on Year 3 price	Year 4 Price	Taxes payable on Year 4 price	Year 5 Price	Taxes payable on Year 5 price	Total Price <i>Sum=(4)+(5)+(6)+(7)+(8)+(9)</i>	
1	2	3	4	5	6	7	8	9	10	
1	Siren System and The Network	1								
2	Towers and poles	1								
3	DMR communication equipments with	1								
4	SBMDVT	1								
5	Offices setup	1								
6	Power bank	1								
			TOTAL(toScheduleNo.5.GrandSummary)							
			Name of Bidder							
			Signature of Bidder							
			All rates and prices shall be specified in Rs. Only in accordance With ITB18.1.							

**All other terms & conditions remain the same.**

  
**Executive Engineer,  
Works Division III,  
Water Resources Department,  
Ponda-Goa.**

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3. The Assistant Engineer, SD IV, WD III, WRD, Data Centre Building, Alto Porvorim, Bardez – Goa.