



# RATNAGIRI GAS & POWER PRIVATE LIMITED

Promoters: NTPC Ltd. & GAIL (India) Ltd.



EMS 712337

Annexure-A

**SUBJECT:**

**Clarifications to Agencies**

Clarifications

**DATE:**

**03/12/2020**

**Enquiry NO.:**

**201300025**

**NAME OF WORK:**

**Supply, Installation & Commissioning of CCTV Surveillance System for Security & Plant Monitoring Purpose at RGPPPL Site**

This is in reference to aforesaid Tender, following clarifications are incorporated in tender documents:

SI No.	Bidders Query	RGPPPL's Reply
1	In all passive components have allowed DLink make but in Fiber/OFC cabling specify Digilink make, Digilink is already closed. So Should I consider DLink Make for Cabling?	The brand mentioned in tender are indicative only, please refer Clause No. 18 in terms and condition
2	Total length of Cable 15100 meter (OFC/CAT6/Power Cable) & Pipe length is 9660 meter, in whereas installation there specify only 9050 meter Job so that is not matching with supplied material.	It has been defined in layout that the only outdoor cables will be run through HDPE/GI pipe and as per instruction of EIC
3	In BoQ Sr. No. 19 - 40mm HDPE/G.I Pipe ISI Mark as per the specification for underground cabling - Qty 6000 Sr. No. 20 - 40mm HDPE/G.I Pipe ISI Mark as per the specification cabling through cable trestle - Qty 3000 In above both items it is specifying HDPE/G.I but the cost difference is huge between both items so kindly confirm type of pipe.	Laying of cable method is dependent on bidder either they choose for HDPE pipe or GI Pipe as mentioned in clause no. 4.1.6, 4.2 & 4.3, terms and conditions.



Ratnagiri Gas & Power Pvt. Ltd.

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Site Office: At & Post: Anjanwel, Tal: Guhagar, Dist.: Ratnagiri -415 634, Maharashtra, India.

Corporate Identification Number: U40105DL2005 PTC 138458 Website Address: [www.rgppl.com](http://www.rgppl.com)

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# Ratnagiri Gas & Power Private Limited (RGPPPL)

**Ref: RGPPPL/C&M/CS-2901/OT-145**

**Sub: Thermal insulation of Phase 2 Steam Turbines, Valves & Associated Pipelines**

S. No.	Page No	Point No	Technical Specifications	Bidder's Query	RGPPPL's Reply
4	94	A.1.12	Zoom Ratio 36x Optical or better	None of the OEM in approved make list match this criteria. Hence request you to amend as 30x Optical Zoom. Else there will be a deviation which needs to be accepted by RGPPPL.	Vendor has to adhere to RGPPPL technical specifications.
5	96	A.2.3	IR Range Minimum 60 mtr or better	None of the OEM in approved make list match this criteria. Everybody has IR range in between 40-50 mtr. Thus request you to amend the clause accordingly else deviation needs to be accepted.	Vendor has to adhere to RGPPPL technical specifications.
6	98	A.3.5	Ethernet Port 10Base-T/100Base-TX, RJ-45	Most of the OEM provide USB Port not Ethernet Port.	Vendor has to adhere to RGPPPL technical specifications.
7	98	A.4.4	External ports 4 x USB 3.0 ports 2 x eSATA ports or more	You have asked for 4 USB 3.0 ports which is not being offered by the OEM's list mentioned in approved make list. Most of the OEM will provide 2 X USB 3.0 ports. Request to amend accordingly to get "Nil Deviation".	Vendor has to adhere to RGPPPL technical specifications.
8	100	A.6.2	Filtering Bad Frame Filtering, Rejection of Runt	None of the OEM in Approved Makes, do not match this specification. Kindly clarify/ illustrate. OEM's have various security parameters like Permit/deny actions for inbound IP and Layer-2 traffic classification Also - support RFC 1858—Security Considerations for IP Fragment Filtering	Vendor has to adhere to RGPPPL technical specifications.
9	100	A.6.3	24 Nos 10/100/1000 Base-T (Autosensing & Autopolarity) as per BOQ 4 SFP ports with SFP module loaded.	All OEM's mentioned in approved make list are able to provide 22 nos of 1G Base T ports with 4 SFP. Kindly allow 22 T Ports with 4 SFP.	Vendor has to adhere to RGPPPL technical specifications.
10	100	A.6.5	Protocol IEEE 802.3ah	All OEM's mentioned in approved make list are able to Support RFC 5171—Unidirectional Link Detection (UDLD) Protocol - instead of IEEE 802.3ah so kindly accept it.	Vendor has to adhere to RGPPPL technical specifications.

**(Sign of the Bidder's Authorized Representative)**



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11	105	A.11.4	Coating 250 micron primary coated buffer UV Curable dual layer acrylate coating which ensures excellent micro bending an abrasion resistance	All the OEM's in approved make list are able to provide 245 Micron. Request you to kindly amend the clause accordingly.	Vendor has to adhere to RGPPPL technical specifications.
12	106	A.11.11	Cut off wavelength <=1320 nm	OEM's as per approved make list are able to provide Cut off wavelength <=1260 nm. Request you to amend the clause accordingly to get "Nil Deviation".	Vendor has to adhere to RGPPPL technical specifications.
13	106	A.11.12	Polarisation Mode Dispersion <=0.5 ps/root Km	OEM's as per approved make list are able to provide Polarisation Mode Dispersion <=0.2 ps/root Km. Request to amend the clause accordingly.	Vendor has to adhere to RGPPPL technical specifications.
14	106	A.11.13	Zero Dispersion slope <=0.092ps/(nm2 * km)	Few of the OEM Zero Dispersion slope <=0.091ps/(nm2 * km)	Vendor has to adhere to RGPPPL technical specifications.
15	108	A.14.5	Tap Trays Top Tray should be provided with protection transparent cover which should get locked with tray.	Most of the Approved Make Not match this specifications.	Vendor has to adhere to RGPPPL technical specifications.
16	108	A.14.8	Cable entry plate Fiber Management system should be provide with detachable cable entry plate having provision with cable and strength member holder	Most of the Approved Make Not match this specifications.	Vendor has to adhere to RGPPPL technical specifications.

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Sub: Thermal insulation of Phase 2 Steam Turbines, Valves & Associated Pipelines

S. No.	Page No	Point No	Technical Specifications	Bidder's Query	RGPPPL's Reply
17	113	A.23	A.23 : Weather Proof IP 65 JB	Kindly clarify what will be used for different type of weather proof IP 65 JB.	Any Suitable Material
18	115	A.29.2	Category CAT- 6, armored Shielded Twisted Pair Cable	All OEM are able to provide Cat 6 Armoured with UTP not with STP so kindly accept the UTP type armoured cables	Vendor has to adhere to RGPPPL technical specifications.
19	115	A.29.12	Performance characteristics to be provided along with bid Attenuation (< 17 db), Pair - to - pair and PS NEXT, ELFEXT and PSELFEXT, Return Loss, ACR and PS ACR.	Kindly accept ATT 31.1db. It will be provided during the delivery of the materials.	Vendor has to adhere to RGPPPL technical specifications.
20	115	A.29.14	DC resistance max 9.38 Ohm / 100 m (328 ft) @ 20 °C	Kindly accept DC resistance max 9.35 Ohm / 100 m (328 ft) @ 20 °C	Vendor has to adhere to RGPPPL technical specifications.
21	117	A.32.2	Resolution 384x288 or better	Resolution 336 x 252	Vendor has to adhere to RGPPPL technical specifications.
22	117	A.32.3	NETD 40mk (@25°C) or better	Kindly Considered 50mk	Vendor has to adhere to RGPPPL technical specifications.

(Sign of the Bidder's Authorized Representative)



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23	117	A.32	Thermal Camera	There is no approved make isit mentioned in Thermal Camera. Request you to kindly provide the make list, as everyone doesn't not make Thermal Cameras, it's very delicate and expensive. Limited OEM has such type of cameras.	Vendor has to adhere to RGPPPL technical specifications.

**All other Terms & Conditions of the tender documents will remain unchanged.**

This clarification shall form an integral part of this tender. A copy of the same is to be submitted along with the bid.

For & behalf of RGPPPL



(Sign of the Bidder's Authorized Representative)



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