



S/O No. CCL/MMD/HQ/PS/LAN/2016-17/014
dtd. 25/05/2017



CENTRAL COALFIELDS LIMITED

(Subsidiary of Coal India Limited)
MATERIALS MANAGEMENT DEPARTMENT
Darbhanga House : Ranchi 834 001 (JHARKHAND)
(PBX) 2360687/ 2360694
GM(MM)2361716
FAX # (0651) 2360257/ 2360198
Website: www.centralcoalfields.in



Item Category	Firm Category	Vendor Code	Tender Category
P&M / Consumables	Dealer/ Agent	1/22/D/A/065	Advertised Open Domestic e-Reverse Auction

FORMAL ORDER (LAN)

ORIGINAL BY REGD.POST

No. CCL/MMD/HQ/PS/LAN/2016-17/014

Date: 25.05.2017

To,

M/s Webel Technology Limited.

(A Govt. of West Bengal Undertaking),
Regd./ Corp. Address: Plot 5, Block-BP,
Sector-V, Salt Lake City, Kolkata-700 091.

E-mail:- psmitra@yahoo.com/ ps.mitra@wtl.co.in/ info@wtl.co.in.
Tel: 033- 2367 3403 – 06; Mob: 98311 77826; Fax: 033- 2367 9418

Sub: Turnkey Project for Setting up of State of Art CCL HQ Campus LAN of 800 Nodes on outright purchase basis with 1 year warranty and 4 year AMC

Ref:- 1.Advt. No. 12/2016-17; Tender Sl. no: 68 dtd.24.05.2016.

2.Tender Ref no: CCL/MMD/HQ/PS/LAN/2016-17 Opened on 27.06.2016 (Tender id: 2016_CCL_38018_1).

3. Your offer no. WTL/CCL/LAN/2016-17/007 Dtd.18.06.2016. (BID ID: 109719)

4. Your different letters, last one being vide ref. no. WTL/PSM/CCL/2016-17/203 dtd.19.04.2017

Dear Sirs,

With reference to the above, Central Coalfields Limited is pleased to place on you Order for Turnkey Project for Setting up of State of Art CCL HQ Campus LAN of 800 Nodes on outright purchase basis with 1 year warranty and 4 year AMC as per details given below, in accordance with the terms and conditions detailed hereunder and detailed technical specifications as per Annexure 'A', Price Break Up Details as per Annexure 'B' & the general terms and conditions of supply enclosed as per Annexure C:-

1. Scope of Supply.

NIT Sl. No.	Description of material	Qty.	Unit Rate (Rs.)	Extended Value (Rs.)
2.	Turnkey Project for Setting up of State of Art CCL HQ Campus LAN of 800 Nodes on outright basis with 1 year warranty and 4 year AMC. (Detailed technical specification as per Annexure 'A' & Price Break Up Details as given below & as per Annexure 'B')	1 Set	23749914.70	2,37,49,914.70
	Total Basic			2,37,49,914.70
	VAT @5.5%			13,06,245.31
	TOTAL UNIT Post Warranty Comprehensive onsite Annual Maintenance Contract Charges FOR 4 YEARS			38,53,714.00
	Total Service Tax on AMC Charges (Rs.) @15%			5,78,057.10
	Total Landed Value (Grand Total)			2,94,87,931.11

Total Order Value: Rs.2,94,87,931.11(Rupees Two Crore Ninety Four Lakhs Eighty Seven Thousand Nine Hundred Thirty One and Paise Eleven only).

Handwritten signature and date: 25-05-17

Handwritten initials: B 23/17

Break-up of Outright Basis BOQ:- Bill of Quantity of Turnkey Project for Setting up of State of Art CCL HQ Campus LAN of 800 Nodes on outright purchase basis with 1 year warranty and 4 year AMC. (Details as per Annexure B)

NIT Sl. no.	New Material Code	Description of material	Qty.	Unit of Measure	Outright Purchase Cost (OPC) (Rs.)	EXTENDED Outright Purchase Cost (OPC) (Rs.)
1	29388000000	A. ACTIVE COMPONENTS A.1 Distribution Switch : Managed L3 switch with 24 nos. 1000 Base X SFP ports (unpopulated SFP) + 2 Nos. high speed stacking ports + Provision for 2 Nos. 10G Port. Model: HP 5510 24G 4SFP+ HI 1-slot Switch	16	Nos.	30123.55	481976.80
2	29389000000	A.2 Access Switch: A.2.a Managed L2 Switch with 24 nos 10/100/1000 Base T ports plus additional 4 nos 1000 Base X SFP Slot (unpopulated). Model: HP 5130 24G 4SFP+ EI Switch	52	Nos.	82619.60	4296219.20
3	29390000000	A.2.b Power over Ethernet (PoE) Injector Model: TP-Link POE150S / Digisol PE2248D / HP 9001GR	26	Nos.	8033.20	208863.20
4	29391000000	A.3 Aggregation Switch 24 Nos. 10/100/1000 Base T ports + 4 Nos. 1000 Base X SFP Slot (Unpopulated), Managed, Aggregation Switch. Model: HP 5510 24G 4SFP+ HI 1-slot Switch	2	Nos.	214901.40	429802.80
5	29392000000	A.4 1000 Base LX SFP on Single Mode Fiber, upto 10 Km. Model: HP X120 1G SFP LC LX Transceiver	164	Nos.	18179.20	2981388.80
6	29393000000	A.5 Wireless Access Point A.5.a IEEE 802.11a/b/g/n/ac dual Radio Access point Model: HP Aruba Instant IAP-215 Wireless Access Point	26	Nos.	43841.55	1139880.30
7	29394000000	A.5.b Wireless Controller Model: HP Aruba 7205	1	Nos.	732754.95	732754.95
8	29395000000	A.6 Unified Threat Management : UTM for 800 user with 5-years license Model: Fortinet FortiGate 500D	2	Nos.	2904353.95	5808707.90
9	29396000000	A.7 Media Converter: 10/100 Base Tx to 100 Base FX on Single Mode F.O. Cable. Model: TP-Link MC110CS / Digisol DG-MC5123	40	Nos.	3327.85	133114.00
10	29397000000	A.8 Mobile Network Management Console Model: HP ElitePad 1000 G2	1	Nos.	128924.50	128924.50
11	29398000000	A.9 Server for Networking Monitoring Software Model: HP DL60	1	Nos.	304249.50	304249.50
12	94099260541	B. F.O. CABLING COMPONENTS B.1 6 Core Armoured F.O. Cable, SINGLE MODE, Multitube & loose tube Fiber. Model: Molex AFOAJ0060S1	7500	Mts.	61.50	461250.00
13	94099260553	B.2 24 Port 19" Rack Mount F.O. Patch Panel complete with couplers (Fully Loaded). Model: Molex RFR-00082+AFR-00358+15-302-00+AFR-00190	10	Nos.	10368.00	103680.00
14	94099260565	B.3 48 Port 19" Rack Mount F.O. Patch Panel complete with couplers (Fully Loaded). Model: Molex Part No.: 2 X RFR-000202 + 8X	2	Nos.	20736.00	41472.00

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		AFR-00358 + 2 X AFR-00190				
15	94099260577	B.4 12 Port 19" Rack Mount F.O. Patch Panel complete with couplers (Fully Loaded) Model: Molex RFR-00082+AFR-00358+15-302-00+AFR-00190	55	Nos.	8064.00	443520.00
16	94099260589	B.5 Single Mode Fiber Pigtail Model: Molex 91.30.831.00B00	350	Nos.	252.00	88200.00
17	94099260592	B.6 SC to SC F.O.(SM) Duplex Patch Cord - 3 Mtrs. Model: Molex 91.99.822.00300	70	Nos.	1151.25	80587.50
18	94099260609	B.7 SC to LC F.O. (SM) Duplex patch Cord - 3 Mtrs. Model: Molex 91.9L.872.00300	150	Nos.	1205.25	180787.50
19	94031070069	B.8 G.I. Pipe with 2 " dia Medium grade Model: Tata/Jindal/Bansal	500	Mts.	247.50	123750.00
20	94031020149	B.9 HDPE Pipe 40 mm dia . (OD). Model: Supreme/Laxmi	7500	Mts.	79.50	596250.00
21	94099260612	C. UTP CABLING COMPONENTS C.1 Cat-6 UTP Cable (305 Mtrs. Per Box) Model: Molex CAA-00076	90	Box	5427.00	488430.00
22	94099260624	C.2 24 port 19" Rack Mount Cat-6 UTP Patch Panel Model: Molex PID-00141	68	Nos.	4263.75	289935.00
23	94099260632	C.3 Single Port Cat-6 Information Outlets Model: Molex KSJ-00018-02+WSY-00012-02+Back Box (Local Make)	800	Nos.	219.00	175200.00
24	94099260644	C.4 UTP Mounting Cord (Cat-6)(3 Ft) Model: Molex PCD-02001-OE	800	Nos.	134.25	107400.00
25	94099260656	C.5 UTP Mounting Cord (Cat-6)(7 Ft) Model: Molex PCD-02003-OE	800	Nos.	155.25	124200.00
26	94099260668	C.6 PVC Capping Casing / Conduit of applicable sizes from 3/4 " dia to 1.5" dia for laying of 90 Box of UTP Cable. Model: Not Applicable	1	LS	302924.40	302924.40
27	29399000000	D. NETWORK ENCLOSURE D.1 19" Floor Mount Network Enclosure with 24 U Height with Lockable Glass Door,800 mm Depth , 2 No.Cable Manager, 2 No. A.C. Mains Channels, 4 Nos. FAN, 4 Nos. Castor wheels with brakes on 2-wheels, H/W Mounting Screws 2 No. Pkt. Of 20 Pcs. Model: Valrak Moducab / Netrack NRS-1-24-RF-600800-WLD	1	Nos.	30075.75	30075.75
28	29400000000	D.2 19" Wall Mount Network Enclosure with 12 U Height with Lockable Glass Door,600 mm Depth , 1 No.Cable Manager, 1 No. A.C. Mains Channels, 2 Nos. FAN, H/W Mounting Screws 1 No. Pkt. Of 20 Pcs. Model: Valrack Protek / Netrack WM-12-550600	8	Nos.	10776.00	86208.00
29	29401000000	D.3 19" Wall Mount Network Enclosure with 9 U Height with Lockable Glass Door ,500 mm Depth , 1 No.Cable Manager, 1 No. A.C. Mains Channels, 2 Nos. FAN, H/W Mounting Screws 1 No. Pkt. Of 20 Pcs. Model: Valrack Protek / Netrack WM-9-550500	52	Nos.	8704.50	452634.00
30	29402000000	E. UPS E.1 600 VA Off Line/Line Interactive UPS, 30	52	Nos.	3931.50	204438.00

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		minutes back up Model: Epoch 600VA LI UPS System				
31	29403000000	E.2 1 KVA On Line UPS, 2 hours back up. Model: Epoch AM 1KVA On Line UPS System	8	Nos.	16875.00	135000.00
32	NA	F. SERVICE COMPOENTS F.1 Design And Engineering	1	LS	223920.00	223920.00
33	NA	F.2 Excavation of Ground upto a depth of 1.2 Mtr. including Road Crossing and laying of armoured Fiber Optic Cable through HDPE / G.I. Pipe, backfilling with excavated soil and ramming of the top soil (Considering concreting the road as & where required)	5000	Mts.	235.50	1177500.00
34	NA	F.3 Laying of F.O. Cable along the inside wall of the building above ground level through GI OR HDPE (as applicable)	2500	Mts.	45.00	112500.00
35	NA	F.4 Laying of UTP Cables through PVC Conduit and Capping Casing as applicable along the internal wall surface which includes the fixing of PVC Conduits /Capping Casing(90 Box of UTP Cable.(305 Mtrs. Per Box))	27450	Mts.	12.75	349987.50
36	NA	F.5 Fixing and Connectorisation of Jack/Patch Panel	68	Nos.	219.00	14892.00
37	NA	F.6 Fixing ,Connectorisation of Information Outlets & Testing with Penta Scanner	800	Nos.	89.25	71400.00
38	NA	F.7 Installation of 24U Rack on Floor.	1	Nos.	280.50	280.50
39	NA	F.8 Fixing, arrangement and installation of Netowk Enclosures on wall (9 U & 12U)	60	Nos.	280.50	16830.00
40	NA	F.9 Power Cabling for 1 KVA UPS from the nearest Power source using 16A SP MCB in metal enclosure.	1	LS	14580.00	14580.00
41	NA	F.10 Power Cabling for 600 VA UPS from the nearest Power source using 5A SP MCB in metal enclosure.	1	LS	94472.10	94472.10
42	NA	F.11 Splicing of single mode FO cable & Testing with OTDR	350	Nos.	864.75	302662.50
43	NA	F.12 System Integration Charges which include commissioning of the entire Network.	1	LS	209066.00	209066.00
GRAND TOTAL of Outright Purchase Cost (Basic Rate)						Rs.2,37,49,914.70

2. **Price :- FOR Destination & FIRM**
3. **Excise Duty:-** Not Applicable. If it becomes applicable later on, the same will be borne by the firm.
4. **JVAT:-** Payable extra as applicable on basic price on the date of supply within scheduled delivery period. The present rate of JVAT is @5.5%. Location of Works & materials will be supplied from – Kholi Niwas, Ashoke Nagar, P.P.Compound, Ranchi. You have to submit the required form JVAT 404 within three months from the end of the relevant financial year.
5. **Packing & Forwarding Charges, Freight & Insurance:-** Nil. If it becomes applicable later on, the same will be borne by the firm. The safe arrival of stores at destination shall be your responsibility.
6. **Service Tax:** Service Tax applicable on AMC Charges @15.0%.
7. **Delivery, Installation, Commissioning & Integration:**
 - i. The supply, installation, commissioning and Integration of entire Turnkey Project must be completed within twenty four weeks from the date of placement of purchase order. Early supply is acceptable.
 - ii. **Penalty:** If execution of the project (supply, installation, commissioning & integration) is delayed, LD will be imposed as indicated under LD clause. LD will be calculated as per clause (i).

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- iii. Deliverables: One copy of all User manuals (hard &/ [OR] soft copy) will be supplied for all software along with any other technical literatures/leaflets for operation and maintenance of Communication items. Step by step Configuration procedure of Different Managed Switches, Firewall/UTM, Wireless Equipments, Network Equipments, & all other items etc. is to be submitted.

8. Payment Terms:- For Outright Mode

- i. 80% of Outright Purchase Cost (OPC) will be made within 21 days from the date of submission of clear and acceptable bills /invoices after delivery of all items (Items under Group A to Group E i.e. Items sl. no.1 to 31 as per Break-up of Outright Basis BOQ above / Annexure A) of Turnkey Project for setting up CCL HQ CAMPUS LAN.
- ii. The challan (in triplicate) of items [as stated in (a)] above should be duly signed by the Project coordinator of Turnkey Project for setting up CCL HQ CAMPUS LAN.
- iii. Balance 20% payment (i.e. Items under Group A to Group E i.e. Items sl. no.1 to 31 as per Break-up of Outright Basis BOQ above / Annexure A) & 100% of service component (i.e. Items under Group F i.e. Items sl. no.32 to 43 as per Break-up of Outright Basis BOQ above / Annexure A) for Outright Purchase Cost (OPC) will be made within 21 days from the date of submission of clear & acceptable bills/ invoices but after successful commissioning of the project as stated in first (i) clause of Delivery, Installation, Commissioning & Integration duly certified by the Project coordinator of Turnkey Project for setting up CCL HQ CAMPUS LAN.
- iv. The Annual Maintenance Cost (AMC) of the said Turnkey project as whole can only be started after final commissioning of entire turnkey project and Bank Guarantee submission as per CCL terms and conditions.
- v. The Annual Maintenance Cost can be raised quarterly and shall be paid within 21 days of receipt and acceptance thereof. The said payment will be made on the basis of Performance Certificate (in duplicate) certified by the Project coordinator of Turnkey Project for setting up CCL HQ CAMPUS LAN.
- vi. Price Fall Clause: Till the commissioning of the Project, if the suppliers supply the items of identical description as that of CCL to any customer, the Outright Purchase Cost (OPC) and Annual Maintenance Cost (AMC) in such occasion(s) should not be lower than those of the items supplied/to be supplied to CCL.
- vii. If at any time, till the completion of delivery, there is reduction in the Outright Purchase Cost (OPC) and Annual Maintenance Cost (AMC) due to any reason whatsoever, the benefit (of such reduction) is to be passed on to CCL

9. Security Deposit:- Exempted. Claimed exemption for being Govt. of West Bengal Undertaking.

10. Performance Bank Guarantee:- PBG for Rs.29,48,794.00 should be submitted within 15 days of installation & commissioning of entire project by the firm valid for entire project life cycle i.e. tenure of five years & three months which will be valid till the conclusion of the contract. The Bank Guarantee as per format at Annexure – F in the NIT document shall be issued by any Scheduled Bank. No payment shall be released without submission of the performance bank guarantee.

"The PBG will be released after successful completion of Performance guarantee period/criteria. On completion of Performance guarantee period/criteria, the firm should submit a written request to the supply order signing authority for release of PBG"

"The Bank Guarantees (BG) issued by Issuing bank on behalf of the supplier/s in favour of "Central Coalfields Ltd' shall be in paper form (Stamp Paper) as well as issued under "Structured Financial Messaging System". The message will be sent to the beneficiary bank through SFMS. The details of beneficiary Bank for issue of BG through SFMS Platform are furnished below:-

Particulars of Beneficiary	Name	Central Coalfields Ltd
	Hqrs/Area	Hqrs
	Department	Materials Management
Particulars of Beneficiary's bank	Bank A/C No	10106155123
	Customer ID	80288731402
	Name of Bank	State bank of India
	Branch & Address	SME Branch, Doranda, Ranchi-834002
	SFMS/IFSC Code	SBIN0009620

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Original copy of the Bank Guarantee issued by the Issuing bank shall be sent by the issuing bank to the Procurement Entity, Central Coalfields Ltd”.

11. Transportation: It is incumbent on the supplier to transport the contracted materials/supplies through registered common carriers only and documentation should be done as per provision of the carriage by Road Act, 2007. Any transportation of goods through unregistered common carriers is illegal.

12. Tax Clause

- i. Tax Deduction at source (TDS): Income tax TDS shall be applicable under relevant provisions of Income Tax Act 1961 on payment of the Outright Purchase Cost (OPC) and AMC (Annual Maintenance Cost) [Outright Mode].
- ii. The Bill /Invoice raised for Outright Purchase Cost (OPC) and AMC (Annual Maintenance Cost) [Outright Mode] payable should contain all the information as required under Rule 4A of Service Tax Rule 1994. The invoice must be serially numbered and must contain the following information:-
 - The name, address and the registration number of service provider.
 - The name and address of the person receiving the taxable service (i.e. CCL)
 - Description, classification and value of taxable service provided or to be provided.
 - The service tax payable thereon.

13. Road Permit: The road permit shall be obtained from the consignee. After issue of e-Permit, a secret code is sent by SMS (system generated) to the consignor’s mobile to enable them to log in the jharkhandcomtax.gov.in portal for filling up the Transport details & Invoice details and thereafter printing a hard copy of the same. Waybill should be sought by the consignor immediately after readiness of material.

E-mail ID of Consignee is headcst@gmail.com.

14. Inspection, Testing & Commissioning:

- i. Inspection will be carried out by the designated Project coordinator of Turnkey Project for Setting up of State of Art CCL HQ Campus LAN of 800 Nodes on outright basis for 1 year warranty and 4 year AMC and final clearance would be given by designated Project Coordinator, CCL HQ Ranchi. Project Coordinator will be authorized by GM(Systems)/HOD.
- ii. The Switches, Firewall/UTM, NMS Server, Wireless equipments and other networking items and different software etc. are to be installed in consultation with the designated Project coordinator of Turnkey Project. In the case of any difference of opinion/ambiguity, the final opinion/decision of the designated Project Coordinator, CCL HQ shall prevail.
- iii. All the existing clients & servers will be connected to LAN and same will be tested in presence of designated Project Coordinator of the Turnkey Project by logging into the Server and running the program from the Server on the Client and vice versa. The LAN will also be connected to CCL WAN.
- iv. The Turnkey Project for setting up CCL HQ CAMPUS LAN will be deemed to be commissioned after testing/executing the proven programs / services satisfactorily and login to servers and also integration with other existing servers as well as CCL WAN for one week.

FINAL INSPECTION: Final Inspection to be done at consignees end by the authorized representative of GM(Systems)/HOD.

15. Guarantee/Warranty: 1 year Warranty applicable (i.e. 12 months from successful installation & commissioning of the project).

16. Integrity Pact:

The Independent External Monitors nominated for implementation of the Integrity Pact for this tender are:

Name	Address	Contact
Sri Chaman Kumar (IAS Retd.)	Bungalow No.-80, New Moti Bagh, New Delhi-110023	chaman.kumar51@gmail.com
Dr. B. P. Nilaratna, IAS (Retd.)	D-11/15, Pandara Road, New Delhi - 110003	dr.b.p.nilaratna@gmail.com

17. The Consignee & Paying Authority will be as under :-

Consignee	Paying Authority
The Depot Officer ,Central Store, Barkakana,, CCL, P.O:- Barkakana, Distt:- Ramgarh, Jharkhand	General Manager (F-HQ), CCL, Darbhanga House, Ranchi

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18. SUBMISSION OF BILLS: For claiming payment, bills in triplicate should be submitted to the Paying Authority for arranging payment **except in case of direct import by CCL**. The following documents/certificate should also be submitted to the paying authority along with the Bill:

- a) Self Authenticated Copy of Consignment Note.
- b) Self Authenticated Copy of Guarantee / Warranty Certificate (if applicable).
- c) Any other document specified in the supply order.
- d) Lowest Price Certificate should be given on the body of each and every Bill, certifying that the price charged for the materials are not higher than the price applicable to other Govt. Deptt., Undertakings including DGS&D.

In addition to the above the following documents are to be submitted as per terms of the supply order **to the**

consignee.

a. Indigenously manufactured goods.

- i. One copy of the bill.
- ii. Challan.
- iii. Packing list in original giving details of bill of materials.
- iv. Consignment note / RR/ PWB in original.
- v. Warranty / Guarantee certificate and fitment certificate (wherever applicable) in original.
- vi. Manufacturers test certificate in original (wherever applicable) as per supply order terms.
- vii. DGMS / BIS / Pre dispatch inspection certificates / any other document, if required as per the contract.
- viii. Certificate from the auditor of the supplier certifying that excise duty has been paid as per prevailing excise rule, and Refund / Credit, if any obtained shall be passed on to the buyer (wherever excise duty is applicable).
- ix. Any other document specified in the supply order.

19. Price Certificate: You have to submit a price certificate in all the invoices in the following format:-

“It is certified that the price charged in this invoice does not exceed the lowest price at which we sell or offer to sell the stores of identical description to any other organization during the period of contract”.

20. Liquidated Damages: Please refer clause 20 of General Terms & Conditions (Annexure C).

21. Force Majeure: Please refer clause 21 of General Terms & Conditions (Annexure C).

22. Price fall Clause: Please refer clause 8 (vi) of Payment Terms above.

23. Limitation Of Liability:

- a. Notwithstanding anything to the Contrary in the Agreement or any other document, the aggregate liability of the vendor for any damage shall be limited to the Contract Price
- b. In no event, neither party shall be liable to the other party for any indirect, special, punitive, consequential or incidental damages including without limitation, loss of revenue, profits, business, goodwill, anticipated savings or data or third party claims.
- c. NO Director or official or employee of Owner or Vendor shall in any way be personally bound or liable for the acts or obligations of the Owner or Vendor under the Agreement or answerable for any default or omission in the observance or performance of the acts, matters or things which are herein contained.
- d. The Vendor shall not be entitled to any increase on the scheduled rates or any other rights or claims whatsoever by reason of any representation, explanation, statement or alleged understanding, promise or guarantees given or to have been given to him by any person.

24. Arbitration: In the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts, such dispute or difference shall be referred by either party for arbitration to the sole arbitrator in the department of public Enterprises to be nominated by secretary to the Govt. of India in-charge of the Deptt. of public Enterprises. The Arbitration and conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law and Justice, Govt. of India. Upon such reference the dispute shall be decided by the Law Secretary or the special Secretary/Additional Secretary, when so authorized by the law secretary, whose decision shall bind the parties finally and conclusively. The parties to the dispute will share equally the cost of arbitration as intimated by the arbitrator.

The arbitration clause mentioned above shall be applicable only in case of orders/ contracts to be placed on Public Sector Enterprises/Government Departments

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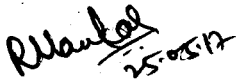
25. **Special Instruction:** One copy of the challan and invoice showing dispatch details and other documents must be sent to this office and the office of the GM(System), CCL, Ranchi to know the dispatch particulars.
26. **Jurisdiction:** The Court at Ranchi in Jharkhand State only will have the jurisdiction to deal with and decide any legal matter or dispute whatsoever arising out of our contract.

The supply order is concluded with this issuance. However, a copy of supply order should be returned duly stamped and signed within 15 days from the date of supply order as a token of acknowledgement and acceptance of the same. However, if we do not receive the signed copy of the said supply order, it will be presumed that you have accepted the supply order as per terms & conditions stipulated above.

All other terms and conditions shall be as per NIT.

Yours faithfully,

For& on behalf of CENTRAL COALFIELDS LIMITED



(Prem Shankar)

ASSISTANT MANAGER(MM-Pur)



(R K L Reddy)

GENERAL MANAGER(MM-Pur)

Enclosures:

- Annexure-A:-Technical Specification Parameters
Annexure-B:- Outright Basis BOQ (Price Details Item-wise as submitted by the firm)
Annexure-C:- General Terms & Conditions of supply of stores
Annexure-D:- Optical Fibre Trench Layout
Annexure-E:- Integrity Pact
Annexure-F:- E-Payment Form

Copy forwarded to:-

1. The GM(MM-Purchase/HOD) /GM(Systems)/ GM(E&T) / GM (S&IC), CCL , Ranchi.
2. The Depot Officer, Central Stores, CCL, Barkakana. Distt-Ramgarh.
3. GM(Fin-HQ), CCL, Ranchi.
The required fund is of Rs.2,94,87,931.11 (Rupees Two Crore Ninety Four Lakhs Eighty Seven Thousand Nine Hundred Thirty One and Paise Eleven only) has been provided / certified against CB 2017-18 under the head "P&M" vide Fund Certification No.- BGT/PP/CB/17-18/6(221) dt.15.05.2017.
4. The TS to D(F)/ TS to D(T)(P&P) / TS to D(T)(O), CCL, Ranchi.
5. I.E.M.s -Sri Chaman Kumar (IAS Retd.), Bungalow No.80, New Moti Bagh, New Delhi – 110023 & Dr. B. P. Nilaratna, IAS (Retd.), D-11/15, Pandara Road, New Delhi – 110003.
6. General Manager (MM), SECL/WCL/BCCL/NCL/ECL/MCL/NECL/CMPDIL
7. Progress Cell (M.I.S.) Cell / Master File / Guard File.

ANNEXURE-'A'

Technical Specification Parameters:

Tender Inviting Authority: Central Coalfields Limited
Name of Work: Turnkey Project for Setting up of State of Art CCL HQ Campus LAN of 800 Nodes on outright basis for 1 year warranty and 4 year AMC.
NIT No: CCL/MMD/HQ/PS/LAN/2016-17
Bidder Name: Webel Technology Limited

TECHNICAL PARAMETER SHEET

S. No *	Item Code *	Description of Item *	Bidder's Eligibility Status	Specification Parameter *	Unit of Measure *	Evaluation Criteria (To be selected from drop down box in each cell) *	Required Value *		Bidder's Value *	Eligibility		
							Start Value	End Value		Specific wise	Make and Model	Overall
2	item 2	Outright Basis BOQ Price Bid Filling mode is "OUTRIGHT"	0	Turnkey Project for Setting up of State of Art CCL HQ Campus LAN of 800 Nodes on outright basis with 1 year warranty and 4 year AMC	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE		COMPLETED
		[1] A.1.a Distribution Switch Managed L3 switch with 24 nos. 1000 Base X SFP ports (unpopulated SFP) + 2 Nos. high speed stacking ports + Provision for 2 Nos. 10G Port.		A. Architecture: 1. Layer 3 Modular Stackable switch. Dedicated stacking module should be provided from day-1.	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE	HP 5510 24G 4SFP + HI 1-slot Switch	COMPLETED
				2. Switching bandwidth should be 148 Gbps or higher.	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE		
				3. Forwarding rate of 64 byte packet required at least 65 Mpps.	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE		
				4. Multiple VLAN for better segmentation for network traffic (support for 800 active VLAN).	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE		
				5. The switch should be 19" Rack Mountable.	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE		

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6. The interconnectivity bandwidth (VSS or equivalent) between 2 switches should be minimum 30 Gbps.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
7. Both switches should act as VSS or equivalent active-active mode.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
B. Standard supported: 1. Redundant power supply from day 1	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
2. IEEE 802.1p prioritization with min. eight priority queue	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
3. IEEE 802.3x flow control	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
4. IEEE 802.3ad link aggregation	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
5. Q in Q tunneling	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
6. IEEE 802.1w Rapid Reconfiguration of Spanning Tree	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
C. Management and Interfaces: 1. Web based management, Telnet, SNMP v1/v2/v3, Console, RMON	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
2. Rack Mountable with rack mounting hardware	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
3. Should have 24 x 1000 Base-X SFP slots out of which 6 slots should be populated with 1000 Base-T (UTP) transceivers.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
4. Should support 10G interface in future. (Provision for 2 nos. 10G Ports)	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
D. Routing and Security: 1. Static Routing, RIP-1 and RIP-2, OSPFv3, BGP4 from Day 1	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
2. Should support 802.1x user authentication, web based authentication and MAC based authentication, RADIUS Authentication.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
3. Should support for IPv6 from day-1.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE

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		4. Should support SSHv2 and SNMPv3 allowing secure access to switch	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		5. MAC address table size of 16000 entries or higher	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		6. Standard IEEE Q.S features and Converged network having data, voice and video application running on same network.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		Offered Quantity	NO.	EQUAL TO	16		16	TRUE	
		Compliance Sheet with clear-cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE	
		Letter of Authorization of Original Equipment Manufacturer from the Head office/Registered office of the OEM Uploaded?	NA	YES or NO	YES		YES	TRUE	
	[2] A.2.a Access Switch Managed L2 Switch with 24 nos 10/100/1000 Base T ports plus additional 4 nos 1000 Base X SFP Slot (unpopulated)	A. Architecture 1. The switch should have 24 x 10/100/1000 Base T plus additional 4 x 1000 Base-X Interfaces	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	HP 5130 24G 4SFP + EI Switch
		2. Should have at least 56 Gbps switching capacity	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		3. MAC address table of 8000 entries minimum	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		4. The switch should be 19" Rack Mountable	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		B. High Availability 1. Should support IEEE 802.3ad link Aggregation Control Protocol	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	

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2. Should support IEEE 802.1s Multiple spanning Tree Protocol	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
C. Layer 2 features					
1. Should support IEEE 802.1Q and 256 VLAN simultaneously	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
2. Should support GARP VLAN Registration Protocol allowing automatic leaving and dynamic assignment of VLANs	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
3. Should support jumbo frames on Gigabit ports	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
4. Should support IGMP	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
5. Should support for IPv6 from day-1.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
D. Security					
1. Should support port security and MAC address lock out	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
2. Should support Access Control lists (ACLs) to provide IP layer 3 filtering based on source/destination IP address/subnet and source/destination TCP/UDP port	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
3. Should support Web-based authentication and MAC-based authentication	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
4. VLAN based ACL (VACL)	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
5. Port based ACL (PACL)	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
E. QoS					
1. Layer 2 QoS	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
2. Hardware queues per port : 4 or higher.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
3. Should support Traffic prioritization, Rate limiting	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
F. Manageability:					
1. Should support sFlow /netFlow for traffic monitoring	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
2. Should support mirroring	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE

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			3. Should support command authorization leveraging RADIUS to link a custom list of CLI commands to individual network administrator's Login	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			4. Should support Multiple configuration files	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			5. Should support SSNMP v1, v2 & v3.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Offered Quantity	NO.	EQUAL TO	52		52	TRUE	
			Compliance Sheet with clear -cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer. is it uploaded?	NA	YES or NO	YES		YES	TRUE	
			Letter of Authorization of Original Equipment Manufacturer from the Head office/Registered office of the OEM Uploaded?	NA	YES or NO	YES		YES	TRUE	
		[3] A.2.b Power over Ethernet (PoE) Injector	Power over Ethernet (PoE) Injector	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	TP-Link POE1 50S / Digiso 1 PE22 48D / HP 9001 GR
			Offered Quantity	NO.	EQUAL TO	26		26	TRUE	
		[4] A.3.a Aggregation Switch 24 Nos. 10/100/1000 Base T ports + 4 Nos. 1000 Base X SFP Slot (Unpopulated), Managed, Aggregation Switch	A. Architecture: 1. Layer 3 Modular Stackable switch. Dedicated stacking module should be provided from day-1.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	HP 5510 24G 4SFP + HI 1-slot Switch
			2. Switching bandwidth should be 95 Gbps or higher.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	

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3. Forwarding rate of 64 byte packet required at least 70 Mpps.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
4. Multiple VLAN for better segmentation for network traffic (support for 800 active VLAN)	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
5. The switch should be 19" Rack Mountable.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
6. The interconnectivity bandwidth (VSS or equivalent) between 2 switches should be minimum 30 Gbps.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
7. Both switches should act as VSS or equivalent active-active mode.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
B. Standard supported:	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
1. Redundant power supply from day 1.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
2. IEEE 802.1p prioritization with minimum eight priority queue.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
3. IEEE 802.3x flow control.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
4. IEEE 802.3ad link aggregation.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
6. IEEE 802.1w Rapid Reconfiguration of Spanning Tree.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
C. Management and Interfaces:	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
1. Web based management, Telnet, SNMP v1/v2/v3, Console, RMON.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
2. Rack Mountable with rack mounting hardware.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
3. Should have 24 x 10/100/1000 Base-T ports and 4 x 1000 Base-X SFP Slots.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
4. Should support 10G interface in future.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
D. Routing and Security:	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
1. Static Routing, RIP-1 and RIP-2, OSPFv3, BGP4 from Day 1.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE

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		2. Should support 802.1 x user authentication, web based authentication and MAC based authentication, RADIUS Authentication.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
		3. Should support for IPv6 from day-1.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
		4. Should support SSHv2 and SNMPv3 allowing secure access to switch.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
		5. MAC address table size of 16000 entries or higher.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
		6. Standard IEEE Q.S features and Converged network having data, voice and video application running on same network.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
		Offered Quantity	NO.	EQUAL TO	2		2	TRUE
		Compliance Sheet with clear-cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer. is it uploaded?	NA	YES or NO	YES		YES	TRUE
		Letter of Authorization of Original Equipment Manufacturer from the Head office/Registered office of the OEM Uploaded?	NA	YES or NO	YES		YES	TRUE
		Fiber Optic Module • The bidder should propose 164 Nos. 1000 Base-LX (SM) transceivers from the same make of Distribution, Aggregation & Access Switch. All transceivers should be compatible with Distribution, Aggregation & Access Switch, up to 10 Km.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
		• The bidders should propose 24 x 1000 Base-LX (SM) transceivers compatible with the existing Core Switch.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
		Offered Quantity	NO.	EQUAL TO	164		164	TRUE

[5]
A.4 1000 Base LX SFP on Single Mode Fiber, upto 10 Km.

HP X120 1G SFP LC LX Transceiver

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			Compliance Sheet with clear –cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES	YES	TRUE	
		[6] A.5.a Wireless Access Point IEEE 802.11a/b/g/n/ac dual Radio Access point	Wireless Access Point: IEEE 802.11a/b/g/n/ac dual Radio Access point A. Architecture 1. The access point should have 1 x RJ-45 auto-sensing 10/100/1000 port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX, IEEE 802.3ab Type 1000Base-T)	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	HP Aruba Instant IAP-215 Wireless Access Point
			2. Should be dual-radio supporting 802.11a/b/g/n/ac.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			3. Should support per-radio software-selectable configuration of the 2.4 GHz frequency bands	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			4. Should have two or more integrated, dual-band, Omni antenna (4dBi gain).	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			5. The access point should be PoE compliant and operate on the existing power supplied by IEEE 802.3af power injectors	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			6. Should be Plenum-rated for indoor wireless coverage.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			7. Should support for IPv6 from day-1.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			B. Mobility Features 1. Should support self-healing/Auto-Configuration technology to detect & mitigate various Interferences.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			2. Should be Wi-Fi Alliance certified for interoperability with all IEEE 802.11a/b/g client devices	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	

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3. Should support up to 16 Service Sets with unique SSIDs with a unique MAC address	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
4. Should support 802.1p for end-to-end QoS across wired and wireless networks.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
5. Should support QoS classification based on TCP/UDP port	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
C. Security features 1. Should support IEEE 802.11g WPA and WPA2 Wireless Multimedia (WMM), EAP-TLS, EAP-TTLS, EAP-FAST, PEAP	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
2. Should support enforcement of client authorization based on user credentials (802.1X/EAP), hardware identifiers (MAC address, WEP key), and HTML login	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
3. Should support hardware-assisted encryption using WPA2/AES (IEEE 802.11i), WPA and WEP	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
4. Should support simultaneous detection and prevention of wireless threats on 2.4 GHz	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
5. Should support Layer-2 client isolation	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
6. Should support protocol filtering per Service Set to deny unwanted traffic	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
7. Should support IP filtering per-user and per-Service Set to forward traffic to a pre-defined location	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
8. Should support management communication via SSH/SSL and digital certificates.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
D. Management features 1. Should support both centrally controlled mode (configured and updated via wireless controller) and autonomous mode which is software selectable	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE

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			2. Should support auto-selection of RF channel and transmit power	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			3. Should support SNMP v1/v2c/v3 and web-based management interfaces	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			4. Operating temperature of up to 50°C	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Offered Quantity	NO.	EQUAL TO	26		26	TRUE	
			Compliance Sheet with clear –cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE	
			Letter of Authorization of Original Equipment Manufacturer from the Head office/Registered office of the OEM Uploaded?	NA	YES or NO	YES		YES	TRUE	
		[7] A.5.b Wireless Access Controller	Wireless Controller A. Architecture 1. The wireless controller shall have 2 x RJ-45 auto-sensing 10/100/1000 ports ((IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX, IEEE 802.3ab Type 1000Base-T)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			2. Each Controller shall support minimum 30 IEEE 802.11a/b/g/n/ac Access Points for centralized management and control	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	HP Arub a 7205
			3. Supported 802.11a/b/g/n/ac Access Point capacity shall be upgradeable to 150 Access Points without hardware change	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			4. Shall have functionality to cluster up to four controllers and create a single virtual controller to provide an active-active high-availability infrastructure	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	

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5. Shall support minimum 500 simultaneous users.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
6. Shall be scalable to support up to minimum 1000 simultaneous guest access users.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
7. The wireless controller shall be 1U 19" Rack-Mountable	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
8. 802.11n Ready from day one	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
9. Should support for IPv6 from day-1.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
B. Mobility Features						
1. Shall support fast roaming providing service transparency and fast hand-offs across Access Points within and across subnet boundaries	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
2. Shall support per-user QoS and security services which follow users as they roam	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
3. Shall support mobility domain interconnecting multiple wireless controllers and access points for scalable identity-based roaming across the enterprise.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
4. Shall have full service capabilities for wireless networks controlled across the WAN	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
5. Shall support central configuration of virtual service communities (or service sets) for QoS, authentication, encryption, and VLANs	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
6. The proposed WLAN Architecture shall support distributed traffic forwarding allowing traffic to flow directly from source to destination, eliminating needless traffic to pass through the controller, delivering better performance and faster, more-responsive applications	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
C. Security features						
1. Shall support per-user or per-device security policies	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE

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2. Shall support authentication based on user credentials (802.1X/EAP), hardware identifiers (MAC address, WEP key), and HTML login	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
3. Shall support authentication and authorization through Microsoft Active Directory or internal or external RADIUS AAA services	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
4. Shall support built-in stateful firewall for secure connection to Internet	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
5. Shall support secure management interfaces, including SSH/SSL access to CLI/Web UI, IPSec encapsulated SNMP, and XML with digital certificates	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
6. Shall support VLAN mapping of guest access traffic for secure passage through corporate network	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
D. Management features						
1. Shall control a network of up to 150 Access Points per controller, ensuring consistent security, QoS, and roaming services from AP to AP	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
2. Shall have scalability consistent in 802.11 a/b/g and 802.11n networks	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
3. Shall support plug-and-play auto-discovery and software installation for easy access point deployment	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
4. Shall have easy-to-use web-based administrator interface	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
5. Shall support RADIUS activity statistics collection per-user for billing by data volume and elapsed session time	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Offered Quantity	NO.	EQUAL TO	1		1	TRUE

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			Letter of Authorization of Original Equipment Manufacturer from the Head office/Registered office of the OEM Uploaded?	NA	YES or NO	YES		YES	TRUE	
		[8] A.6.a Unified Threat Management UTM for 800 user with 5-years license	Appliance based Firewall	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Should have minimum 8 nos. of 10/100/1000 Mbps Ethernet interfaces	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Operating system should be based on real time, secure, embedded operating system	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Should support atleast 5,00,000 concurrent sessions	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Should be a per device license and not user/IP based license	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	Forti net Forti Gate 500D
			Number of concurrent IP Sec tunnels supported by the device should be minimum 1000 VPN tunnels	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Should have support inbuilt for IPSEC VPNs should support DES, 3 DES and AES (128, 192, 256)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Should support Internal DHCP server and DHCP relay over VPN	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Should support management of the box through HTTPS as well as SSH along with console access.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	

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Should support SNMP v2c and v3.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
Should support dynamic NAT as well as one-to-one NAT	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
Should provide minimum 8 Gbps firewall throughput and 1.5 Gbps IPSEC VPN throughput and also 3 Gbps IPS throughputs.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
The firewall should be able to support high availability and dynamic load balancing for data going through the firewall (active-active). There should be no extra license cost for HA.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
Should support the following VPN clients, native IPsec, L2TP/IPsec, GRE	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
Should support VRRP or equivalent..	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
Should support dual appliance active-active/ active-standby pairing and automatic configuration synchronization between the two appliances	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
Should support Dual WAN links in active-active load-balancing pair/active-standby fail-over pair	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
Should support authentication through RADIUS and/or TACACS + Server.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
Should provide the option to configure traffic shaping on a per policy basis for specific application/specific networks and should be able to define Committed access rates(CAR)	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
The appliance should support VLAN tagging (IEEE802.1q) and should support vlans on all interfaces and minimum of 1024 VLAN should be supported	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
Should support RIPv1, RIPv2, RIPv3, OSPFv2, OSPFv3, BGP from Day 1	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE

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Should support IP multicast routing PIM-DM/SM, IGMPv1,2 and 3	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
Should support IPv6, TCPv6, UDPv6, Ping, Telenet6, NAT-PT, IPv6 Tunnel, ICM Pv6	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
Should be able to log denied traffic details	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
Should provide gateway antivirus functionality with capability to scan HTTP, FTP, SMTP, POP3 protocols. The Antivirus throughput should be minimum 1 Gbps	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
Application layer gateway support for FTP, SMTP, HTTP, RTSP, H323 and SIP	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
Should provide User-based Web HTTP URL filtering via keyword, wildcard and regular matching	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
Should provide Custom SMTP mail subject/content/attachment filtering via keyword and wildcard matching	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
Should support Java/Active-X detection and blocking	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
Should provide free of cost signatures for 5 years for URL filtering, AntiSpyware, IPS	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
Offered Quantity	NO.	EQUAL TO	2		2	TRUE
Compliance Sheet with clear-cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE
Letter of Authorization of Original Equipment Manufacturer from the Head office/Registered office of the OEM Uploaded?	NA	YES or NO	YES		YES	TRUE

Alberty
 25/05/17 *By*

		[9] A.7 Media Converter: 10/100 Base Tx to 100 Base FX on Single Mode F.O. Cable.	Media converter shall convert 10/100BaseTx Ethernet twisted pair signals to 100Base FX Fast Ethernet single mode Fiber signals. Minimum distance of communication shall be 10 Km.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	TP-Link MC110CS / Digiso 1DG-MC51 23
			1. Minimum distance of communication shall be 10 Km.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			2. RJ45 twisted pair port.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			3. Fiber port (SC or as required).	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			4. Auto negotiation.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			5. Half/full duplex communication mode.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			6. 802.3x flow control.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			7. Power supply: 230VAC +/-10%.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			8. Frequency 50Hz +/-5%.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Offered Quantity	NO.	EQUAL TO	40		40	TRUE	
			Compliance Sheet with clear -cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer. is it uploaded?	NA	YES or NO	YES		YES	TRUE	
		[10] A.8 Mobile Network Management Console	1. LCD: 9" or higher, 1200 x 800 or larger.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	HP ElitePad 1000 G2
			2. CPU: Intel Dual Core or higher.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			3. Memory : 2 GB or higher	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			4. Storage: 32 GB or higher	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	

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		5. Operating System: Win8 or Higher OR Android ver 4.1 or higher	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		6. Graphics: Intel HD/Integrated or higher.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		7. Camera: Back: 5 MP or higher.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		8. Port: mini/micro HDMI or USB2.0 or Audio or microUSB or micro/miniSD or SD.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		9. Network: Wi-Fi or WWAN or equivalent.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		Offered Quantity	NO.	EQUAL TO	1		1	TRUE	
		Compliance Sheet with clear –cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE	
		[11] A.9 Server for Network Monitoring Software							
		Server with following specification or higher: 1. CPU: Server should be quoted with. Intel Xeon Quad core processor or Equivalent. The Frequency should be minimum 2.2 GHz.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		2. OS Support: Support for 64-bit operating system (Windows).	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		3. Memory: 16 GB RAM DDR3 RAM with ECC memory expandable up to minimum 128 GB	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	HP DL60
		4. HDD: 2* 300 GB SAS/SATA/NL-SAS HDDs.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		5. Controller: Integrated RAID controller & hot plug HDD with RAID 0, 1.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		6. Networking features: 1 dual port Ethernet card minimum 1Gbps.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	

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		7. Optical drive: DVD Drive with latest speed (Internal/external).	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE		
		8. Form Factor: 2U Rack Mountable Server or lower.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE		
		9.Redundant power: Redundant Power Supply.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE		
		Offered Quantity	NO.	EQUAL TO	1	1	TRUE		
		Compliance Sheet with clear –cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES	YES	TRUE		
	[12] B.1 6 Core Armoured F.O. Cable, SINGLE MODE, Multitube & loose tube Fiber	The fiber Cable should be Single mode. It will be 6 Core, each Fiber core should be water blocked loose tubes & multi tube construction with Steel Tape Armored, Direct burial type, Core dia – 9/125 micron should support 10 Km for full duplex 1000 Mbps Bandwidth (1000LX).	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE		CO MP LIE D
		Offered Quantity	Mtrs	EQUAL TO	7500	7500	TRUE	Molex AFO AJ00 6OS1	
		Compliance Sheet with clear –cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES	YES	TRUE		

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		[13] B.2 24 Port 19" Rack Mount F.O. Patch Panel complete with couplers (Fully Loaded)	All the Patch Panels should be filled up with required no. of Couplers (as detailed in the Bill of Material) and the Panels should be ready for Rack mounting. The Patch Panel Material and Couplers must be as per ISO/IEC standard and must support the respective bandwidth.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	Molex RFR-00082 +AFR - 00358 +15-302-00+A FR-00190
			Offered Quantity	NO	EQUAL TO	10	10	TRUE	
			Compliance Sheet with clear -cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES	YES	TRUE	
		[14] B.3 48 Port 19" Rack Mount F.O. Patch Panel complete with couplers (Fully Loaded)	All the Patch Panels should be filled up with required no. of Couplers (as detailed in the Bill of Material) and the Panels should be ready for Rack mounting. The Patch Panel Material and Couplers must be as per ISO/IEC standard and must support the respective bandwidth.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	Molex Part No.: 2 X RFR-00020 2 + 8X AFR-00358 + 2 X AFR-00190
			Offered Quantity	NO	EQUAL TO	2	2	TRUE	
			Compliance Sheet with clear -cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES	YES	TRUE	
		[15] B.4 12 Port 19" Rack Mount F.O. Patch Panel complete with couplers (Fully Loaded)	All the Patch Panels should be filled up with required no. of Couplers (as detailed in the Bill of Material) and the Panels should be ready for Rack mounting. The Patch Panel Material and Couplers must be as per	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	Molex RFR-00082 +AFR - 00358 +15-302-00+A

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				ISO/IEC standard and must support the respective bandwidth.															FR-00190
				Offered Quantity	NO	EQUAL TO	55			55				TRUE					
				Compliance Sheet with clear-cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority Uploaded?	NA	YES or NO	YES			YES				TRUE					
			[16] B.5 Single Mode Fiber Pigtail	All the Connectors of Pigtails (1.5 meter Length) should be Single mode must be complied with the ISO / IEC. All connectors must be SC type.	NA	AGREED or DISAGREED	AG REE			AGREE				TRUE					
				Offered Quantity	NO	EQUAL TO	350			350				TRUE					
				Compliance Sheet with clear-cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES			YES				TRUE					Molex 91.30. 831.0 0B00
			[17] B.6 SC to SC F.O.(SM) Duplex Patch Cord - 3 Mtrs.	All the Patch Cords should be single mode and with proper connectors at one end which is suitable with the Switch Fiber Ports and SC type connectors at the other ends. Patch Cords must be Factory Crimped and tested as per Standards mentioned above.	NA	AGREED or DISAGREED	AG REE			AGREE				TRUE					
				Offered Quantity	NO	EQUAL TO	70			70				TRUE					Molex 91.99. 822.0 0300
				Compliance Sheet with clear-cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of	NA	YES or NO	YES			YES				TRUE					

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				OEM and verified by Tenderer.is it uploaded?								
		[18] B.7 SC to LC F.O. (SM) Duplex patch Cord - 3 Mtrs.		All the Patch Cords should be single mode and with proper connectors at one end which is suitable with the Switch Fiber Ports and SC type connectors at the other ends. Patch Cords must be Factory Crimped and tested as per Standards mentioned above.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		
				Offered Quantity	NO	EQUAL TO	150		150	TRUE	Molex 91.9L. 872.0 0300	
				Compliance Sheet with clear-cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE		
		[19] B.8 G.I. Pipe with 2 " dia Medium grade		G.I. Pipe with 2 " dia Medium grade	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	Tata/ Jindal /Bans al	
				Offered Quantity	Mts	EQUAL TO	500		500	TRUE		
		[20] B.9 HDPE Pipe 40mm dia . (OD).		HDPE Pipe 40mm dia . (OD).	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	Supre me/L axmi	
				Offered Quantity	Mts	EQUAL TO	7500		7500	TRUE		
		[21] C.1 Cat-6 UTP Cable (305 Mtrs. Per Box)		Should comply TIA/EIA 568- C.2 Category 6 cable specifications.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D	
				Should have characteristic impedance of 100 +/- 15 ohms with a resistance imbalance of 5% max.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		Molex CAA- 00076
				Should have 4 twisted pairs separated by internal polymer spine.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		

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Should have conductor diameter of 0.56 +/- 0.005 mm (23 AWG).	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Should have an insulation thickness of 0.22 +/- 0.03 mm.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Should have outer diameter of 6.0 +/- 0.4 mm.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Should be able to operate at a temperature of 75 OC (max).	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Should have Approvals UL, ETL.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
RoHS Compliant materials.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Offered Quantity	BOX	EQUAL TO	90		90	TRUE
Compliance Sheet with clear –cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE
Should comply with above Cat 6 UTP Cable.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Should be 19", rack-mountable.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Should support operating life of minimum 200 re terminations.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Should have front & back port identification labels and mounting hardware.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Should have Approvals UL, ETL.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
RoHS Compliant materials.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE

[22]
C.2 24 port 19"
Rack Mount
Cat-6 UTP
Patch Panel

Molex
PID-
00141

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			Offered Quantity	NO	EQUAL TO	68		68	TRUE
			Compliance Sheet with clear -cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE
		[23] C.3 Single Port Cat-6 Information Outlets(Single/Quadruple) with Surface Mount Box (Cat 6)	Should comply ISO 11801 E Cat 6 specifications.	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
			Should support operating life of minimum 200 terminations.	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
			Should support insulation resistance > 100 Mega ohms.	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
			Should support propagation delay < 2.5 ns (from 1 MHz to 250 MHz).	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
			Should have Approvals UL, ETL.	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
			RoHS Compliant materials.	NA	AGREED or DISAGREED	AGREE		AGREE	TRUE
			Offered Quantity	NO	EQUAL TO	800		800	TRUE
			Compliance Sheet with clear -cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE

Molex
 KSJ-00018
 -
 02+W SY-00012
 -
 02+B ack Box

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ksj

		[24] C.4 UTP Patch Cord (Cat-6)(3 Ft)	Should match Cat 6 level performance and support backward compatibility with existing Cat5/Cat5E systems.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	Molex PCD- 02001 -OE
			Should have unshielded 4 pair stranded cable.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			Same patch cord (same specifications) should be provided in 2 lengths. (1 Meter /3 Ft. & 2 Meters. /7 Ft.)	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			Should have Approvals UL, ETL.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			RoHS Compliant materials.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			Offered Quantity	NO	EQUAL TO	800	800	TRUE	
			Compliance Sheet with clear -cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES	YES	TRUE	
		[25] C.5 UTP Patch Cord (Cat-6)(7 Ft)	Should match Cat 6 level performance and support backward compatibility with existing Cat5/Cat5E systems.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	Molex PCD- 02003 -OE
			Should have unshielded 4 pair stranded cable.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			Same patch cord (same specifications) should be provided in 2 lengths. (1 Meter /3 Ft. & 2 Meters. /7 Ft.)	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			Should have Approvals UL, ETL.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			RoHS Compliant materials.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	
			Offered Quantity	NO	EQUAL TO	800	800	TRUE	

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			Compliance Sheet with clear-cut mention of Make from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES	YES	TRUE	
		[26] C.6 PVC Capping Casing / Conduit of applicable sizes from 3/4 " dia to 1.5" dia for laying of 90 Box of UTP Cable.	PVC Capping Casing / Conduit of applicable sizes from 3/4 " dia to 1.5" dia for laying of 90 Box of UTP Cable.	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE	
		[27] D.1 19" Floor Mount Network Enclosure with 24 U Height with Lockable Glass Door,800 mm Depth , 2 No.Cable Manager, 2 No. A.C. Mains Channels, 4 Nos. FAN, 4 Nos. Castor wheels with brakes on 2-wheels, H/W Mounting Screws 2 No. Pkt. Of 20 Pcs.	Should have lockable, front glass door. Perforated rear door, Removable side panels with slam latch, Powder coated mat finish.	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE	Valra k Modu cab / Netrack NRS-1-24-RF-60080 0-WLD
			Should have a minimum depth of 800mm and 19" width.	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE	
			Should include 19" width cable manager of height 1U (2 No. Cable Manager)	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE	
			Should include 2 Nos. cable Channels.	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE	
			Should include 2 numbers of AC Mains channel (5x5A) (horizontal) of 1U height	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE	
			Should include 1 number of Fan Tray with 4 numbers of Fan. (9 U/12U Rack).	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE	
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		Should have 4 numbers of Castor wheels with brakes on 2 numbers of wheels.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		Should include mounting hardware (2 Packet)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		Offered Quantity	NO	EQUAL TO	1		1	TRUE	
		Compliance Sheet with clear-cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE	
	[28] D.2 19" Wall Mount Network Enclosure with 12 U Height with Lockable Glass Door,600 mm Depth , 1 No.Cable Manager, 1 No. A.C. Mains Channels, 2 Nos. FAN, H/W Mounting Screws 1 No. Pkt. Of 20 Pcs.	Powder coated mat finish, Should have lockable, front glass door.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	Valra ck Prote k / Netra ck WM-12-55060 0
		Should have a minimum depth of 500 mm (9U) & 600mm (12U) and 19" width (for 9 U/12U Rack) (Wall Mount)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		Should include 19" width cable manager of height 1U (1 No. Cable Manager) (9 U/12U Rack)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		Should include 1 number of AC Mains channel (5x5A) (horizontal) of 1U height (9 U/12U Rack)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		Should include 1 number of Fan Tray with 2 numbers of Fan. (9 U/12U Rack).	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	

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			Should include mounting hardware (1 Packet each for 9U/12U Racks).	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Offered Quantity	NO	EQUAL TO	8		8	TRUE	
			Compliance Sheet with clear –cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE	
		[29] D.3 19" Wall Mount Network Enclosure with 9 U Height with Lockable Glass Door ,500 mm Depth , 1 No.Cable Manager, 1 No. A.C. Mains Channels, 2 Nos. FAN, H/W Mounting Screws 1 No. Pkt. Of 20 Pcs.	Powder coated mat finish, Should have lockable, front glass door.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Should have a minimum depth of 500 mm (9U) & 600mm (12U) and 19" width (for 9 U/12U Rack) (Wall Mount)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	Valra ck Prote k/ Netra ck WM- 9- 55050 0
			Should include 19" width cable manager of height 1U (1 No. Cable Manager) (9 U/12U Rack)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Should include 1 number of AC Mains channel (5x5A) (horizontal) of 1U height (9 U/12U Rack)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Should include 1 number of Fan Tray with 2 numbers of Fan. (9 U/12U Rack).	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
			Should include mounting hardware (1 Packet each for 9U/12U Racks).	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	

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			Offered Quantity	NO	EQUAL TO	52		52	TRUE		
			Compliance Sheet with clear-cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer.is it uploaded?	NA	YES or NO	YES		YES	TRUE		
		[30] E.1 600 VA Off Line/Line Interactive UPS, 30 minutes back up	a. Input Voltage 140 to 300 V	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	Epoch 600V ALI UPS System	CO MP LIE D
			b. Input Frequency 50 Hz +/- 5%	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		
			c. Output Voltage 230 V +/- 5%	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		
			d. Output Frequency 50 Hz +/- 0.5% (Battery mode)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		
			e. Output Wave form Modified Sine wave / Quasi Sine wave	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		
			f. Transfer Time < 5 mille seconds	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		
			g. AVR Voltage 190 V - 250 V	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		
			h. Battery Inbuilt SMF	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		
			i. 12 V - 7 AH X 2 Nos.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		
			Offered Quantity	NO	EQUAL TO	52		52	TRUE		
			Compliance Sheet with clear-cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority	NA	YES or NO	YES		YES	TRUE		

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Rup

		with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer. Is it uploaded?							
	[31] E.2 1 KVA online UPS with 2 hour backup	1.VA Rating : 1 K VA	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	Epoch AM 1KV A On Line UPS System
		A. Inverter Technology: IGBT BASED PWM TECHNOLOGY.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		B. Noise level: Less than 45 dB.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		C. Operating Temperature : 0° to 40° C	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		D. Humidity : 10% - 90% Non condensing	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		E. Harmonic Distortion: Less than < 3% for linear load & Less than < 5% for non linear load.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		F. Output Waveform : Sinusoidal	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		G. Cold Start Feature : Should be provided	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		H. Generator compatibility : Should be provided even with genset having distorted wave form & frequency fluctuations (more than 45 Hz)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		I. Default Software : UNIX Bundled; Optional S/w: Windows XP or higher	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		J. RS 232 Port (SNMP): 1 No.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		K. Product compliance to CE, ISO 9000 and IEC 62040-1	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	
		2. UPS INPUT : (a) Input Voltage : 160V AC to 280V AC.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	

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(b) Input Frequency Range : 50 Hz ± 10 %	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(c) Input over voltage protection : Should be provided	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(d) Input under voltage protection : Should be provided	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
3. UPS OUTPUT :					
(a) Output Voltage : 230 V AC single phase	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(b) Regulation : 230V AC ± 2%	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(c) Output frequency : 50.0Hz ± 0.2Hz DSP controlled	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(d) Transient response : ± 10% with 100% load of P.F 0.8%	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(e) Load Power Factor : 0.7 Lagging	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(f) Short circuit protection : should be provided.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(g) Output over voltage protection : should be provided.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(h) Output under voltage protection : should be provided.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(I) Efficiency : Better than 85%.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(j) Battery low : UPS should shut down.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(k) Over load : UPS should shut down .	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(l) Manual by pass switch : should be provided.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE
(m) Indicators : I) Mains On II) Battery Charging III) Battery Low IV) Invertor On V) Output Low & High Voltage VI) UPS overload VII) UPS on by pass	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE

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(n) Digital Metering : a) AC Input/Output Voltage b) AC Input/Output Current c) Battery Charge/Discharge Current or Battery Capacity d) Battery Charging Voltage e) Frequency Input/Output	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
(o) Alarms (Audible) : Mains failure i) Battery low ii) Overload	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
(p). Sealed Maintenance Free (SMF) Battery : I) 12 V - 42 AH X 10 Nos. (5040 VAH) or equivalent / higher VAH for 1 KVA II) Placed on Battery rack made of Mild Steel.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE
Offered Quantity	NO	EQUAL TO	8		8	TRUE
Compliance Sheet with clear-cut mention of Make and Model from OEM issued from Head/Registered Office or Zonal/Regional Office of OEM of Tenderer duly signed by signing authority with clear mention of Name and Designation of signing authority of OEM and verified by Tenderer. is it uploaded?	NA	YES or NO	YES		YES	TRUE

		[32] F.1 Design And Engineering	Design And Engineering	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		COMPLIED
		[33] F.2 Excavation of Ground upto a depth of 1.2 Mtr. including Road Crossing and laying of armoured Fiber Optic Cable through HDPE / G.I. Pipe, backfilling with excavated soil and ramming of the top soil (Considering concreting the road as & where required)	Laying of Underground Cables Underground cable shall be laid at least 1.2 meter below the finished ground level inside the medium gauge HDPE pipe of dia. at least 43 mm (OD)/32mm (ID) as per TEC-GR No.G/CDS-08/02 Nov.2004 with latest Amendment (supply from TEC approved source only 500M Coil) and shall be provided with at least 50mm sand cushioning both at top and bottom of the HDPE pipe. For	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		COMPLIED

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			<p>safety brick to be laid over the top 50mm sand cushioning of the HDPE pipe. The 10 inch side of the bricks shall be placed perpendicular to the HDPE pipe. After cable laying, the trenches shall be back filled and well rammed, consolidated and sufficient allowance made for settlement. For crossing of Road/Railway tracks/Concrete etc. the cable shall be laid inside GI pipe. Medium duty GI Pipe of size 50mm (ID) should be used for all Road/Rail crossing/Concrete; existing GI pipe can be used wherever possible. In each cable run, some extra length shall be kept at suitable points to enable one or two straight through joints in future. When a number of cables are laid together, the extra cable length shall be adjusted to stagger the straight through joints. Suitable cable route markers shall be provided at a distance of every 500 meters on the cable route and also at places or corners wherever the route of the cable changes.</p>						
			Offered Quantity	Mts	EQUAL TO	5000	5000	TRUE	
		<p>[34] F.3 Laying of F.O. Cable along the inside wall of the building above ground level through GI OR HDPE (as applicable)</p>	<p>Laying of over ground Cables In office building, FO cables shall be laid directly inside the medium gauge HDPE pipe of dia. at least 43 mm (OD)/32mm(ID) as per TEC-GR No.G/CDS-08/02 Nov.2004 with latest Amendment (supply from TEC approved source only). HDPE pipes shall be firmly supported in position by means of heavy gauge saddles. The spacing between the supports for both horizontal and vertical runs shall not be more than 1000mm for straight runs. At bends or termination to</p>	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE	COMPLIED

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junction/pull boxes, the nearest support shall be within 300mm from such fittings. The fiber slack shall be neatly coiled within the fiber termination panel. No slack loops of FO cables shall be allowed external to the fiber panels. Each cable shall be individually attached to the respective termination panel by mechanical means. Each fiber cable shall be stripped upon entering the termination panel and individual fiber routed in the terminal panel. Each cable shall be clearly labeled at the entrance to the termination point. Cables labeled within the bundle shall not be acceptable. Dust caps shall be provided on the connectors and couplings. GI pipe sleeves shall be used for routing cables embedded through concrete foundation/floors/walls in buildings. GI pipe shall be medium gauge of size 50mm(ID), hot dip galvanized electric resistance welded (ERW), screw type conforming to IS-1239, latest revision. All pipe fittings shall also conform to IS-1239, latest revision IS. Cable Tray shall be of perforated GI sheet of at least 50mm width & min. 2mm thickness. Termination and distribution of fiber optic cable shall be carried out by fusion splicing.

Offered Quantity	Mts	EQUAL TO	250 0	2500	TRUE
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	<p>[35] F.4 Laying of UTP Cables through PVC Conduit and Capping Casing as applicable along the internal wall surface which includes the fixing of PVC Conduits /Capping Casing(90 Box of UTP Cable (305 Mtrs. Per Box)</p>	<p>UTP Cable Laying & Termination For indoor surface cable laying, PVC Casing Capping/ PVC pipe of suitable size shall be employed. Flexible metallic pipe (GI) shall be used for wall/floor embedding and for crossing the existing wiring. PVC Casing Capping/ PVC pipe shall be medium duty type. The cable shall be dressed and terminated in accordance with the recommendations made in the relevant TIA/EIA standard document, manufacturer's recommendation and/or best industry practices. Bend radius of the cable in the termination area shall not be less than 4 times the outside diameter of the cable. Cable jacket shall be maintained as close as possible to the termination point. Cable shall be neatly bundled and dressed to their respective panels or blocks. Each panel or block shall be fed by an individual bundle separated and dressed back to the point of cable entrance into the rack. Each cable shall be clearly labeled on the cable jacket behind the patch panel at a location that can be viewed clearly without removing the bundle support ties. Cables shall be installed in continuous length from origin to destination and the length shall generally not exceed 80 meters. An axial spacing of 150mm (minimum) shall be maintained between power and network cable. Cables shall not be attached to ceiling grid or lighting support wires. A self adhesive label or PVC marker ferule shall be used to identify cables and similar label/marker shall be used at both ends of the cable.</p>	<p>NA</p>	<p>AGREED or DISAGREED</p>	<p>AG REE</p>	<p>AGREE</p>	<p>TRUE</p>	<p>TRUE</p>	<p>COMPLIED</p>
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			Offered Quantity	Mts	EQUAL TO	274 50		27450	TRUE		
		[36] F.5 Fixing and Connectorisation of Jack/Patch Panel	Fixing and Connectorisation of Jack/Patch Panel	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
			Offered Quantity	NO	EQUAL TO	68		68	TRUE		
		[37] F.6 Fixing, Connectorisatio n of Information Outlets & Testing with Penta Scanner	Fixing, Connectorisation of Information Outlets & Testing with Penta Scanner	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
			Offered Quantity	NO	EQUAL TO	800		800	TRUE		
		[38] F.7 Installation of 24U Rack on Floor.	Installation of 24U Rack on Floor.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
			Offered Quantity	NO	EQUAL TO	1		1	TRUE		
		[39] F.8 Fixing, arrangem ent and installation of Netowk Enclosures on wall (9 U & 12U)	Fixing, arrangement and installation of Netowk Enclosures on wall (9 U & 12U)	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
			Offered Quantity	NO	EQUAL TO	60		60	TRUE		
		[40] F.9 Power Cabling for 1 KVA UPS from the nearest Power source using 16A SP MCB in metal enclosure.	Power Cabling for 1 KVA UPS from the nearest Power source using 16A SP MCB in metal enclosure.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
		[41] F.10 Power Cabling for 600 VA UPS from the nearest Power source using 5A SP MCB in metal enclosure.	Power Cabling for 600 VA UPS from the nearest Power source using 5A SP MCB in metal enclosure.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D

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		[42] F.11 Splicing of single mode FO cable & Testing with OTDR	Splicing of single mode FO cable & Testing with OTDR	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE		COMPLIED
			Offered Quantity	NO	EQUAL TO	350	350	TRUE		
		[43] F.12 System Integration Charges which include commissioning of the entire Network.	System Integration Charges which include commissioning of the entire Network.	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE		COMPLIED
		Technical Terms [Have you Agreed to the following Terms & Conditions]	a. It is proposed to have 800 nodes LAN Architecture in CCL HQ Ranchi.	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE		COMPLIED
			b. All the relevant Hardware and Software of the proposed Turnkey Project must be IPv6 compliant from Day 1.	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE		COMPLIED
			c. Optical Fibre Cable trench cutting should as per layout given in Annexure D. Diagram/Location of LAN Nodes in each building will be given to the successful bidder / tenderer during the execution of Project. Optical Fibre Cable trench cutting shall be done in case of hard soil also .However the bidder can quote separate rate for Hard and Soft soil.	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE		COMPLIED
			d. Wherever road crossing, concrete cutting is there, the vendor has to repair the road / concrete with cement, sand & chip stones with proper leveling to bring it back to proper condition.	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE		COMPLIED
			e. The detailed specifications of hardware are listed as Technical Specification Parameter.	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE		COMPLIED
			f. Each Component / allied accessories of the Systems must be compatible with each other. There shall not be	NA	AGREED or DISAGREED	AGREE	AGREE	TRUE		COMPLIED

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any compromise on the specification.						
g. Supporting technical brochures / literatures / catalogues indicating each feature in respect of offered model and make must be submitted along with the offer. The technical brochures / literatures / catalogues submitted by the supplier should satisfy the technical criteria for which the supplier has indicated his compliance in response to the bid. If in any case submitted technical brochures / literatures / catalogues do not satisfy all the technicalities specifically, a confirmation from OEM on its letter head is MUST. In absence of which the offer is liable to be rejected / ignored.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	CO MP LIE D
h. Clear -cut mention of Make, Model (Wherever applicable) and Technical Compliance of item / detailed features of technical specifications as furnished at Technical Specification Parameter (Technical Specifications/Details) is MUST. • For Active Components, bidder has to mention the Make, Model and Technical Compliance as furnished at Technical Specification Parameter (Technical Specifications/Details). • For Passive Components(F.O. CABLING COMPONENTS, UTP CABLING COMPONENTS), bidder has to mention the Make and Technical Compliance as furnished at Technical Specification Parameter (Technical Specifications/Details). • Documents / brochures in support of make and model (Wherever applicable) offered are must / mandatory. • Documents / brochures	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	CO MP LIE D

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<p>in support of Technical Compliance of each and every feature of NIT are must / mandatory (supporting portion of Technical Compliance in the documents / brochures must be highlighted).</p>							
<p>i. If in any case latest or higher model of asked items is quoted, comparative technical as well as commercial documentary proof for both is must / mandatory. Supporting portion of Technical Compliance in the documents / brochures must be highlighted.</p>	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
<p>j. All Switches should be of same Make. All Wireless Controller and Wireless Access Points should be of same Make. All the passive components (Fiber & UTP Cables & Components) should be of same make. All UPS should be of same Make. All Racks should be of same make. Both firewalls should be of same Make. All the components delivered should be compatible with each other.</p>	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
<p>k. CCL reserves the right of asking none or any further technical clarification from the bidders / tenderers.</p>	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
<p>l. Transportation of goods from Consignee's office to the site is the responsibility of Project Implementer and he will have to bear the cost involved. However the designated project coordinator will coordinate for smooth execution/installation/Implementation/Integration of the turnkey project.</p>	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
<p>m. Mode of Dispatch: The materials should be dispatched through a bonafide Road Transporter. Necessary Road permit will be issued if required, from this office for immediate dispatch of materials on your request. You should</p>	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D

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apply to this office well in advance for this ,if required.							
n. Packing and Forwarding: Please note that the materials should be dispatched properly packed and protected so that these are received in good condition being free from loss, injury or damage on arrival at destination. The tenderer should obtain a clear receipt from the transport authorities specifying the complete list of goods dispatched. You should not book any consignment on a "SAID TO BE CONTENT" basis. If you do so, it would be your responsibility.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
o. Insurance: The dispatch of materials should be covered under insurance at the cost and risk of tenderer itself.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
p. Other active/passive hardwares not mentioned but required will be considered under scope of supply.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
q. The tenderer will provide Power sockets, plugs and Electrical Wirings wherever required.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
r. The equipments/components being quoted should be brand new. No refurbished/old equipments shall be used for quoting.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
s. The cabling should be certified to have application support warranty for next 20 years. A copy of the Certificate to be enclosed along with the offer.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
t. All Fiber & UTP Cables & Components must be from same Make	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D
u. All Wireless Controller and Wireless Access Points must be of same Make.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	CO MP LIE D

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			v.All UPS must be of same Make,	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
			w.All Switches must be of same Make	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
			x.All Racks must be of same Make	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
		Training [Have you Agreed to the following Terms & Conditions]	Supplier will provide the following trainings:- a. The tenderer shall arrange for training to CCL's personnel at CCL's premises. The training shall be for 2 working days and include training materials sufficient for 10 participants each in 3 batches. The training shall cover all aspects of proposed networking equipments, Network management, Network administration and troubleshooting. The details shall be discussed mutually and agreed upon.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
			b. Training on advance Network maintenance and administration shall be arranged by the tenderer at Tenderer's premises/tenderer's designated place or at the respective OEM designated place (In India or in abroad) for 4- personnel of CCL for 5 working days incase at the tenderer premises/tenderer's designated place or 2 days at each of the OEM designated place. All the travel, lodging & boarding expenses for the training at Tenderer's premises/tenderer's designated place or at the respective OEM designated place (In India or in abroad) will be borne by the tenderer/ OEM.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
			c. The tenderer should offer the cost of the training accordingly in their offer.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D

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	Maintenance & Regulation of Rentals/AMC [Have you Agreed to the following Terms & Conditions]		NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
		a. Project Implementer assures a minimum availability (Uptime) of 99% of the said Turnkey project.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
		b. Turnkey Project downtime will be reckoned round the clock (24 X 7). Maximum Grace Period to attend the call will be 4 hours. For e.g. if the down time starts at 12.00 hours on a day and extends up to 11.00 hours the following working day, the downtime would be calculated as below: First day: from 12.00 hrs to 12.00 hrs (i.e. 12.00 hrs). Second day: from 12.00 hrs to 11.00 hrs (i.e. 11.00 hrs). Total downtime: (23 - 4) hours = 19 hrs	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D
		c. Turnkey Project Availability in % = (No of working days in the month x 24) – (Downtime hours during the month) ----- ----- X 100 (No of working days in the month x 24) Note: 1. Availability shall be calculated on monthly basis. 2. Preventive maintenance is to be carried out on mutually agreed time. 3. No of working days in the month will be calculated as per the no. of days in a calendar month.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		CO MP LIE D

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<p>d. In case availability of Turnkey Project for falls below 99%, the monthly rental charges/Quarterly Maintenance Charges payable by CCL will be reduced by ONE percent for each One percent reduction in availability, e.g. 4% reduction for 95% availability. However, no monthly rental / Quarterly Maintenance Charges will be payable for availability below 80%. If the availability goes below 80% continuously for 3 months, an amount equal to monthly rental charge / Quarterly Maintenance Charges will be deducted as penalty in 4th month from Project Implementer's Performance Security. If the availability still goes below 80% in 4th, 5th & 6th month, the deduction of an amount equal to monthly rental charge / Quarterly Maintenance Charges from Project Implementer's Performance Security as penalty will continue till 6th month. Again if the availability further goes below 80% in 7th month, CCL is free to forfeit remaining Project Implementer's Performance Security and the contract will be terminated.</p>	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		COM PLIE D
<p>e. Uptime will be for the entire Turnkey Project i.e. in case, any of the components is out of order then the project will be considered to be under breakdown.</p>	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		COM PLIE D
<p>f. No bonus or additional sums shall be payable if the availability is more than 99%.</p>	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		COM PLIE D
<p>g. It shall be the responsibility of the Project Implementer to make necessary adjustments and / or repairs to keep the systems as per specification in good working condition.</p>	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE		COM PLIE D

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h. If the machine down time is anticipated to continue over to the next 5 working days, the defective System / Components shall be replaced by a suitable System / Components of the same or higher configuration.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
i. CCL shall be responsible for ensuring proper use of the system, its management and supervision by qualified trained personnel.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
j. The monthly rental/ AMC quoted should be firm without escalation during the entire project life cycle, which is in no case less than 5 years. During the Contract period, adjustments towards change in statutory taxes and duties like Service tax etc may be made by CCL subject to production of documentary evidence regarding such changes.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
k. Any equipment found broken, defective, malfunctioning; underfunctioning will have to be repaired/replaced by the Project Implementer at no extra cost to CCL during the entire project life cycle.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
l. It shall be the responsibility of the project implementer to make necessary adjustments and/or repairs/maintenance to keep the Turnkey Project as per specification / requirement in proper and satisfactory working condition.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
m. The Project Implementer & CCL will decide the periodicity of maintenance and it should not be less than once in a month.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
n. The Project Implementer should assure that all breakdown calls be attended at the earliest but not more than 12 hours and will endeavor to keep all the components of Turnkey Project in fully	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D

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			operational condition.						
			o. By components of the Turnkey Project means all the items listed In Technical Specification Parameter.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
			p. Project Implementer's responsibility for maintenance shall be the maintenance / replacement of each and every spares / components including Battery in case of UPS, for entire Contract period (i.e. 5 years or 60 months).	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
		General Terms and Conditions [Have you Agreed to the following Terms & Conditions]	1. No Rewording of any part / clause of the NIT will be allowed. It would be accepted as it is.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
			2. The essence of the Turnkey Project for Setting up of State of Art CCL HQ Campus LAN of 800 Nodes on rental basis for 5 years as well as on outright basis for 1 year warranty and 4 year AMC is the successful implementation of the said project in time and the project implementer should give utmost importance to this aspect throughout the project life cycle.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
			3. No conditional agreement of any part / clause of NIT e.g. "Accepted, Provided" will be allowed.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
			4. Dependency on availability criteria for any item / part / clause of NIT would not be entertained.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
			5. Successful bidder / tenderer will be called "Project Implementer".	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
			6. Project Implementer's responsibility for maintenance shall be for the entire Project tenure (including each & every item).	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D
			7. No deviation from our tender documents is acceptable. Deviated offers are liable for rejection. Offers submitted must be	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIE D

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		complete in all respects. The tenderers shall quote as per the specifications given.							
		8. CCL reserves the right to reject or accept or withdraw the tender in full or part as the case may be without assigning any reason whatsoever.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	COM PLIE D
		9. Quotations erased and over-written will be summarily rejected unless corrections are authenticated by the bidder's authorized signatory.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	COM PLIE D
		10. CCL shall not be responsible for any consequences due to misprint or any wrong translation. The tenderers should contact the tendering authority and verify facts in case of any confusion.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	COM PLIE D
		11. The tenderer is expected to peruse terms and conditions of the contract carefully and inspect the actual site / area before submitting the Offer.	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	COM PLIE D
		<p>Posting of Engineer: [Have you Agreed to the following Terms & Conditions]</p> <p>One engineer is to be posted at Systems Department, CCL (HQ) Ranchi exclusively for CCL (HQ) Campus LAN Project with the delivery of items Turnkey Project for setting up CCL HQ CAMPUS LAN. The qualification & experience requirement for engineer to be posted at above said places should be as follows:</p> <ul style="list-style-type: none"> • Degree/Diploma in engineering having certification of CCNA or equivalent. • Experience certificate of handling such projects at least for one year • He should be able to sort out both hardware & software related problems / breakdowns of the Project. 	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	COM PLIE D
		<p>Duration of Contract [Have you Agreed to the following Terms & Conditions]</p> <p>a. The contract shall come into force from the date of commissioning and shall remain in force up to 60 months.</p>	NA	AGREED or DISAGREED	AG REE		AGREE	TRUE	COM PLIE D

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		b. Rental/AMC quoted should be firm without escalation.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIED
		c. On expiry of the aforesaid period as per clause a, the contract terminates unless it is renewed upon by the customer's request in writing for such further period and on such terms and conditions as are mutually agreed upon. A prior written notice of 3 months shall be given by the customer of his intension to renew the contract.	NA	AGREED or DISAGREED	AG REE	AGREE	TRUE	COM PLIED
	BASIC ELIGIBILITY CRITERIA	1. Original Equipment Manufacturer (OEM) 2. Authorized Agent/ Dealer / Distributor having MAF (Manufacturer Authorization Letter)of OEM/Authorization Letter of System Integrator. N.B. : Bidder is requested to select from Dropdown Box as Bidder's Value, according to their Eligibility Criteria Status .				2. Autho rized Agent/ Dealer / Distribu tor	TRUE	COM PLIED
***TECHNICAL PARAMETER SHEET								
***PLEASE ENTER THE DETAILS AS PER THE INFORMATION AND DOCUMENTS YOU HAVE W.R.T. YOUR OFFERED ITEM/S								
BY TENDER INVITING AUTHORITY								

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ANNEXURE – "C"

GENERAL TERMS AND CONDITIONS OF SUPPLY OF STORES

Definition

1. In the interpretation of the contract and the general and special conditions governing it, unless the context otherwise requires :
 - (i) "Contract" means the invitation to tender, instructions to tenderers, acceptance of tender, particulars and the general and special conditions specified in the acceptance of tender and includes a repeat order which has been accepted and acted upon by the contractor.
 - (ii) The term "Supplier" shall mean the person, firm or company with whom the contract is placed and shall be deemed to include the supplier in successors (approved by the purchaser), representatives, heirs, executors, administrators and permitted assignees as the case may be.
 - (iii) "Contract Price" shall mean the sum accepted or the sum calculated in accordance with the price and/or terms accepted by or on behalf of the purchaser.
 - (iv) The Chairman, means the Chairman of Coal India Limited. The Chairman-cum-Managing Director means Chairman-cum-Managing Director of any of the Subsidiary Companies of Coal India Limited, presently Central Coalfields Limited, Eastern Coalfields Limited, Western Coalfields Limited, Bharat Coking Coal Limited and Central Mine Planning & Design Institute Limited, South Eastern Coalfields Limited, Northern Coalfields Limited, Mahanadi Coalfields Limited and North Eastern Coalfields.
 - (v) The terms "Drawing" shall mean the drawing the plans specified in or annexed the schedule or specifications.
 - (vi) The terms "Purchase Executive" shall mean the purchaser or purchaser named in the schedule to Tender, his or their successors or assignees.
 - (vii) The term the "Inspector" shall mean any person nominated by or on behalf of the purchaser to inspect supplies, Stores or work under the contract or his duly authorized agent.
 - (viii) The term "Progress Officer" shall mean any person nominated by or on behalf of the purchaser to visit supplier's works to ascertain the position of deliveries of stores purchased.
 - (ix) The term "Materials" shall mean anything used in the manufacture or fabrication of the stores.
 - (x) The term "Particulars" shall mean the following :
 - (a) Specifications;
 - (b) Drawing;
 - (c) Sealed pattern denoting a pattern sealed and signed by the Inspector.
 - (d) Certified or sealed sample denoting a copy of the sealed pattern or sample sealed by the purchaser for guidance of the Inspector.
 - (e) Trade pattern denoting a standard of the ISI or other standardizing authority or Coal India Ltd. and/or any of its subsidiary companies or a general standard of the industry and obtainable in the open market.
 - (f) Proprietary make denoting the product of an individual manufacturers.
 - (g) Any other details governing the construction, manufacturer and/or supply as existing in the contract.
 - (xi) "Stores" means the goods specified in the supply order or schedule which the contractor has agreed to supply under contract.
 - (xii) The term "Test" shall mean such test or tests as are prescribed by the specification or considered necessary by the Inspector or any agency acting under direction of the Inspector.
 - (xiii) The term "Site" shall mean the place or places named in the "supply order" or such other place or places at which any work has to be carried out as may be approved by the purchaser.
 - (xiv) Works denoting the persons shall include any company or association or body of individuals whether incorporated or not.
 - (xv) "Writing" shall include any manuscript, typewritten or printed statement under or over signature or seal as the case may be.
 - (xvi) "Unit" and "Quality" means the unit and quantity specified in the schedule.
 - (xvii) "Supply Order" or "Purchase Order" means an order for supply of stores and includes an order for performance.
2. The delivery of stores shall be deemed to take place on delivery of the stores in accordance with the terms of the contract after approval of stores by the Inspector, to :
 - (i) The consignee at his premises, or
 - (ii) where-so provided the interim consignee at his premises, or
 - (iii) a carrier or other persons named in the contract an interim consignee for the purpose of transmission to the consignee.
 - (iv) The consignee at the destination station in case of contracts stipulated for delivery stores at destination station.
3. Words in the singular include the plural and vice-versa.
4. Words denoting the masculine gender shall be taken to include the feminine gender and work persons, shall include any company or association or body of individuals whether incorporated or not.
5. Terms and expressions not herein defined shall have the meanings assigned to them in the Indian Sale of Goods Act, 1930 or the Indian Contract, 1872 or the General Clauses Act, 1897 and as amended in respect of all the Acts, as the case may be.
6. (a) Parties
The parties to the contract are the supplier and the purchaser named in the schedule or any other specifically mentioned in the contract.
(b) Address to which communication are to be sent
For all purposes of the contract, including arbitration there under, the address of the supplier mentioned in the tender shall be the address to which all communications addressed to the supplier shall be sent, unless the supplier has notified a change by a separate letter containing no other communication and sent by registered post acknowledgement due to the head of the office placing the supply order. The supplier shall be solely responsible for the consequence of an omission to notify a change of address in the manner aforesaid.
Any communication or notice on behalf of the purchaser in relation to the contract may be issued to the supplier by Purchase Executive and all such communications and notices may be served on the supplier either by registered post or under certificate of posting or by ordinary post or by hand delivery at the option of such executive.
7. (i) The price quoted shall be either FOR place or Railway Station of dispatch, FOR Destination, Delivery free to the consignee, FOB or CIF as specified in the invitation to tender. All offers from countries other than Purchaser's country shall quote on FOB and CIF basis.
(ii) In all cases the prices quoted must be net per unit shown in the enquiry and must include all packing and delivery where applicable. Refunds on account of returnable packages (if any) are to be separately specified. The price should show separately the Foreign Exchange Element and the Rupee Element for stores to be imported. Sales Tax shall be shown separately and whether it is State Sales Tax or Central Sales Tax. If no mention is made about Sales Tax, it will be assumed to be included in the price quoted.
The prices should be included of excise, or excise duty should be separately mentioned. In case where price is quoted inclusive of excise duty, the rate of quantum of the same should be separately indicated. In case of contracts providing for free delivery to the consignee octroi charges shall be included where leviable.
(iii) The price must be stated separately for each item on unit basis.
(iv) When quotations are made for units other than those specified in the enquiry, the relationships should be stated.

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- (v) The prices quoted must be firm and the offers made must remain open for at least four months from the date of submitting quotations unless otherwise specified.
- (vi) Tender must invariably be submitted along with illustrated literature giving complete and detailed specification, particulars etc. of the main unit and of the standard accessories to be supplied with the stores.
- (vii) The tenderers must clearly specify their recommended spare parts that will be supplied along with the main unit and item wise prices of the spare parts, also what are fast moving; medium moving; slow moving and insurance spares and the period up to which they are likely to last.
- (viii) Printed terms and conditions of the tendering firms shall not be considered as forming part of their tender. In case the terms and conditions of contract applicable to this invitation to tender are not acceptable to the tendering firms, they should clearly specify deviations there from in their tender.
- (ix) Typed quotations should be submitted. Those containing erasures and over-writings are liable to be rejected. Any corrections made in the tenders must be initiated by the tenderers, failing which their tenders will not be considered.
- (x) Insurance arrangement will be made as per instructions being issued from time to time by the Materials Management Division of Coal India Limited and/or its subsidiary companies.
8. (i) Samples of each item, if considered necessary, should be submitted simultaneously by the contractor for inspection by Inspector/Inspectors unless the articles under tender are of considerable bulk, in which case separate arrangement will be made for inspection of the articles offered while considering the quotations.
- (ii) All samples required for inspection or test shall be supplied by the successful Tenderers free of cost.
- (iii) All samples must be clearly labeled with the tenderer's name, this offer enquiry Number and the last date of opening of tender.
9. (a) **Subletting and Assignment**
The supplier shall not save with the previous consent in writing of the purchaser, sublet, transfer or assign the contract or any part thereof or interest therein or benefit or advantage thereof in any manner whatsoever. Provided nevertheless that any such consent shall not relieve the supplier from any obligation, duty or responsibility under the contract.
- (b) **Change in a Firm**
(i) Where the supplier is a partnership firm, a new partner shall not be introduced in the firm except with the previous consent in writing of the purchaser (which may be granted only as an exception) of a written undertaking by the new partner to perform the contract and accept all liabilities incurred by the firm under the contract prior to the date of such undertaking.
- (ii) On the death or retirement of any partner of the supplier firm before complete performance of the contract the purchaser may at his option cancel the contract in such case the supplier shall have no claim whatsoever to compensation against the purchaser.
- (iii) If the contract is not determined as provided in the sub-clause (i) above notwithstanding the retirement of a partner from the firm, he shall continue to be liable under the contract for acts of the firm until a copy of the public notice given by him under Section 32 of the Partnership Act has been sent by him to the purchaser by registered post acknowledgement due.
10. (a) **Consequence of Breach**
Should the supplier or a partner in the supplier firm commit breach of either of the conditions (a) or (b)(i) of this sub-clause, it shall be lawful of the purchaser to cancel the contract and purchase or authorize the purchaser of the stores at the risk and cost of the supplier and in that event the provisions of clause 20 shall as far as applicable shall apply.
- (b) The decision of Coal India Ltd. and/or its subsidiary companies as to any matter or thing concerning or arising out of this sub-clause or any question whether the supplier or any partner of the supplier firm has committed a breach of any of the conditions in this sub-clause contained shall be final and binding on the supplier.
11. **Use of raw materials secured with Government assistance.**
(a) Where any raw material for the execution of the contract is procured with the assistance of Coal India Limited and/or its subsidiary companies by purchase or under arrangement made or permit, licence, quota certificate or release order issued by or on behalf of or under authority or by any officer empowered in that behalf by law, or is issued from government stock and where advance payments are made to the supplier to enable him to purchase such raw materials for the execution of the contract, the supplier,
(i) shall hold such material as trustee of Coal India Limited and/or its subsidiary companies,
(ii) shall use such material economically and solely for the purpose of the contract.
(iii) shall not dispose of the same without the previous permission in writing of the purchaser; and
(iv) shall tender due account of such material and return to the purchaser at such place as the purchaser may direct all surplus or unserviceable material that may be left after the completion of the contract or its termination for any reason whatsoever. On returning such material, the supplier shall be entitled to such price thereof as the purchaser may fix having regard to the condition of such material.
- (b) Where the contract is terminated due to any default on the part of the supplier, the supplier shall pay all transport charges incurred for returning any material upto such destination as may be determined by Coal India Limited and/or its subsidiary companies whose decision shall be final.
- (c) If the supplier commits breach of any of the conditions in this clause specified, he shall, without prejudice to any other liability, penal or otherwise, be liable to account to Coal India Limited and/or its subsidiary companies all moneys, advantages of profits accruing from or which in the usual course would have accrued to him by reasons of such breach.
- (d) Where the stores manufactured or fabricated by the supplier out of the materials arranged or procured by or on behalf of Coal India Limited and/or its subsidiary companies are rejected the supplier shall, without prejudice to any other right or remedy of the Government, pay to the government on demand the cost price or market value of all such materials whichever is greater.
12. The tenderers in case of imported items, shall clearly mention in the quotation that in the event of the supply order being placed with them, they shall arrange for supply within a reasonable period of all necessary maintenance tools and spares parts that may be required from time to time during the normal life of the machines, on a continuous basis and at a price not in excess of the landed cost at their premises plus a stated percentage differential (such a differential should be indicated) and proper servicing of the main unit supplied by them as and when required. In case there is a Rate Contract with the DGS&D supply be made at the RC rates.
13. The tenderers shall give a warranty of satisfactory performance of the unit offered by them for a period of 12 months from the date of commissioning or 18 months from the date of receipt and acceptance by Coal India Limited and/or its Subsidiary Companies. The supplier shall be responsible for any defects that they develop under the conditions provided for by the contract and under proper use, arising from faulty materials, design or workmanship and shall remedy such defects at his own cost when called upon to do so. If it becomes necessary for the supplier to replace or renew any defective portion of the goods, such replacement or renewal should be made by the supplier without any extra cost to Coal India Limited and/or its subsidiary company.
14. For orders placed directly on overseas suppliers, the tenderers should separately indicated whether their prices quoted include any commission for the manufacturer's agents in India and the amount of remuneration for the agent included in the quoted price. Price shall include,
a) the service that will be rendered by them as manufacturer's agent;
b) the name and address of agents, if any, in India; and
c) the agency commission or remuneration or freight in case FOR prices are accepted will be paid in Rupees in India.
15. On acceptance of the tender, a formal acceptance of tender or supply order will invariably be issued. Advance intimation in writing of acceptance of the tender will be given whenever considered necessary by the said authority. In case an advance intimation has been given, the formal acceptance of tender of supply order shall follow in due course, but immediate action towards execution of supply order shall be taken on receipt of the advance intimation.
16. EARNEST MONEY/SECURITY MONEY :

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- a) Earnest Money Clause should be stipulated in the tender. The value of Earnest Money to be deposited by the tenderer should be 2% of the value of the estimated cost tendered for or Rs.10,00,000/-, whichever is lower. EMD should be in the form of Demand Draft and must accompany the quotation i.e. Cover-1 of the bid. For unsuccessful tenderer EMD shall be refunded immediately after finalisation of the tender with the approval of the HOD of MM deptt. or Head of Area. EMD shall be forfeited if any tenderer withdraw their offer before finalization of the tender or fails to submit order acceptance within 15 days from the date of order.
- b) Security Deposit clause should be stipulated in the tender. Two weeks time (15 days) shall be given in the order to the successful tenderer to furnish the security deposit. In case the firm fails to deposit the security money, the order shall be cancelled and the case shall be processed to order elsewhere and the firm's performance is to be kept recorded for future dealings with them.
- The value of Security Money to be deposited by the successful tenderer in the form of Bank Draft shall be 10% of the value of the awarded contract without having any ceiling. For successful tenderer, Security Money will be refunded to the firm within 30 days of satisfactory execution of the contract with the approval of the HOD of MM deptt./Head of the Area. For unsatisfactory performance and/or contractual failure, the security money shall be forfeited.
- c) For procurement value less than Rs.1,00,000/-, no earnest money/security deposit will be required.
- d) If any State/Central Govt. Organisation/PSU & valid DGS&D/NSIC registered (for the tendered items) firm can produce documentary evidence issued by Govt. Authorities for accordng exemption towards submission of EMD/SD, they may be considered for exemption from submission of EMD/Security Deposit.

17.

Inspection and Rejection

Generally the stores shall be of the best quality and workmanship and comply with the contract or supply order in all respect. The stores supplied shall be in accordance with specification unless any deviation is authorized and specified in the contract or supply order or any amendment thereto.

(a) Facilities for Test and Examination

The supplier shall, at his own expenses, afford to the Inspector all reasonable facilities and such accommodation as may be necessary for satisfying itself, that the stores are being and/or have been manufactured in accordance with particulars. The Inspector shall have full and free access at any time during the execution of the contract to the suppliers work for the purpose aforesaid, and he may require the supplier to make arrangements for inspection of the stores or any part thereof or any material at his premises or at any other places specified by the Inspector and if the supplier has been permitted to employ the services of the sub-supplier, he shall in his contract with the sub-supplier reserve to the Inspector a similar right.

(b) Cost of Test

The supplier shall provide without any extra charge, all materials, tools, labour and assistance of every kind which the inspector may demand from him for any test, and examination, other than special or independent test, which he shall require to be made on the supplier's premises and the supplier shall bear and pay all costs attendant thereon. If the supplier fails to comply with the conditions aforesaid, the Inspector shall in consultation with the purchaser, be entitled to remove for test and examinations all or any of the stores manufactured by the supplier to any premises other than his(suppliers) and in all such cases the supplier bear the cost of transport and/or carrying out such tests elsewhere. A certificate in writing of the Inspector, that the supplier has failed to provide the facilities and the means, for test and examination shall be final.

(c) Delivery of Stores for Test

The supplier shall also provide and deliver the test free of charge, at such place other than his premises as the Inspector may specify, such materials or stores as he may require.

(d) Liability for Costs of Laboratory Test

In the event of rejection of stores or any part thereof by the Inspector in consequence of the sample thereof, which removed to the laboratory or other place of test, being found on test to be not in conformity with the contract or in the event of the failure of the supplier for any reason to deliver the stores passed on test within the stipulated period, the supplier shall, on demand pay to the purchaser all costs incurred in the inspection and/or test cost of the test shall be assessed at the rate charged by the laboratory to provide persons for similar work.

(e) Method of Testing

The Inspector shall have the right to put all the stores or materials forming part of the same or any part thereof to such tests as he may think fit and proper. The supplier shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspector.

(f) Stores Expended in Test

Unless otherwise provided for in the contract, all stores/materials expended in test will be to supplier's account.

(g) Inspector Final Authority and to Certify Performance

(i) The Inspector shall have the power :

Before any stores or part thereof are submitted for inspection to certify that they can not be in accordance with the contract owing to the adoption of any unsatisfactory method or manufacturer;

(ii) To reject any stores submitted as not being in accordance with the particulars.

(iii) To reject the whole of the installment tendered for inspection, if after inspections of such portion thereof as he may in his discretion think fit, he satisfied that the same is unsatisfactory ; and

(iv) To mark the rejected stores with a rejection mark so that they may be easily identified if re-submitted.

(h) Consequence of Rejection

If on the stores being rejected by the Inspector or consignee at the destination, the supplier fails to make satisfactory supplies within the stipulated period of delivery, the purchaser shall be at liberty to :

(i) Allow the supplier to re-submit the stores, in replacement of those rejected, within a specified time, the supplier bearing the cost of freight, if any, on such replacement without being entitled to any extra payment on that account ; or

(ii) Purchase or authorize the purchase of quantity of the stores rejected or so others of a similar description (when stores exactly complying with particulars opinion of the purchase executive which shall be final, readily available) without notice to the supplier's liability as regards the supply of any further installment due under the contract ; or

(iii) Cancel the contract and purchase or authorize the purchase of the stores or others of a similar description (when stores exactly complying with particulars are not in an opinion of the purchaser, which shall be final, readily available) at the risk and cost of the supplier. In the event of action being taken under sub-clause(ii) above or this sub-clause in the provisions of clause 20 shall apply as far as applicable.

(i) Inspectors' Decision as to Rejection Final

The Inspector's decision as regards the rejection shall be final and binding on the supplier.

(j) Where under a contract, the price payable is fixed on FOR station of dispatch basis, the supplier shall, if the stores are rejected at destination by the consignee, be liable in addition to other liabilities to reimburse to the purchaser the freight paid by the purchaser.

(k) Notification of Result of Inspection

Unless otherwise provided in the specification or schedule, the examination of the stores will be made as soon as practicable after the same have been submitted for inspection and the result of the examination will be notified to the supplier.

(l) Marking of Stores

The supplier shall, if so required, at his own expense mark or permit the Inspector to mark all the approved stores with a recognized Government or purchaser's mark. The stores which cannot be so marked shall, if so required by the Inspector, be packed in suitable package or cases each of which shall be sealed and marked with such mark.

(m) Removal of Rejection

(i) Any stores submitted for inspection at a place other than the premises of the supplier and rejected shall be removed by the supplier subject as hereinafter provided within 14 days of the date of receipt of intimation of such rejection. If it is proved that letter containing such intimation is addressed

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and posted to him at the address mentioned in the schedule, it will be deemed to have been served on the supplier at the time when such letter would in the course of ordinary post reach the supplier. It shall be competent for the Inspector to call upon the supplier to remove what he considers to be dangerous, infected or perishable stores within 48 hours of the receipt of such intimation.

(ii) Such rejected stores shall under all circumstances lie at the risk of the supplier from the moment of such rejection and if such stores are not removed by the supplier within the period aforementioned, the Inspector/Purchaser may either return the same to the supplier at his risk and cost a public tariff rate by such mode of transport as the purchaser or Inspector may select, or dispose of such stores at the supplier's risk on his account and retain in such portion of the proceeds as may be necessary to cover any expense incurred in connection with such disposal. The purchaser shall also be entitled to recover handling and storage charges for the period during which the rejected stores are not removed.

(n) Inspection Notes

On the stores being found acceptable by the Inspector, he shall furnish the supplier with necessary copies of inspection notes duly completed, for being attached to the supplier's bill in support thereof.

18. Packing and Transport

(a) It shall be the responsibility of the successful tenderers to arrange for the stores being sufficiently and properly packed for transport by Rail, Road or Sea as the case may be so as to their being free from loss or injury on arrival at destination. The packing of the stores shall be done at the expense of the successful tenderer.

(b) The successful tenderer is responsible for obtaining a clear receipt from the transport authorities specifying the goods dispatched. He will not book any consignment on a "said to contain" basis. If he does so, he does it on his own responsibility. Coal India Limited and/or its subsidiary company shall pay for only such stores as are actually received by them in accordance with the contract.

(c) All packing cases, containers, packing and other similar materials shall be supplied free by the successful tenderer and shall not be returned unless otherwise specified in the contract/supply order.

(d) Packages must be so marked that identification is made easy. Packages will be stamped with identification marks both outside the packages as well as on the contents inside.

Packages containing articles liable to be broken by rough handling like glass or machinery made of cast iron will be marked with cautionary works like 'Fragile', 'Handle with care'. Weight of each packages will be marked on the package.

(e) A complete list of contents in each package called the packing list will be prepared and one copy will be packed in the package itself and another copy will be forwarded to the consignee, in advance

19. Delivery :

The time for and the date of delivery of the stores stipulated in the 'Purchase Order' shall be deemed to be of the essence of the contract and delivery of the stores must be completed by the date specified.

20. In the event of failure to delivery or dispatch the stores within the stipulated date/period in accordance with the samples and/or specifications mentioned in the supply order and in the event of breach of any of the terms and conditions mentioned in the supply order, Coal India Ltd. and its Subsidiary Companies should have the right :

(a) To recover from the successful tenderer as agreed liquidated damages, a sum not less than 0.5% (half percent) of the price of any stores which the successful tenderer has not been able to supply as aforesaid for each week or part of a week during which the delivery of such stores may be in arrears limited to 10%. Where felt necessary the limit of 10% can be increased to 15% at the discretion of Head of the Materials Management Division.

(b) To purchase elsewhere, after due notice to the successful tenderer on the account and at the risk of the defaulting supplier the stores not supplied or others of a similar description without canceling the supply order in respect of the consignment not yet due for supply or -

(c) To cancel the supply order or a portion thereof, and if so desired to purchase the stores at the risk and cost of the defaulting supplier and also -

(d) To extend the period of delivery with or without penalty as may be considered fit and proper, the penalty, if imposed shall not be more than the agreed Liquidated Damages referred to in clause (a) above.

(e) To forfeit the security deposit full or in part.

(f) Whenever under this contract a sum of money is recoverable from any payable by the supplier, Coal India Limited and its subsidiary companies shall be entitled to recover such sum by appropriating, in part or in whole by deducting any sum or any other contract should this sum be not sufficient to cover the full amount recoverable, the successful tenderer shall pay Coal India Limited and its subsidiary companies on demand the remaining balance. The supplier shall not be entitled to any gain on any such purchase.

21. If the execution of the contract/supply order is delayed beyond the period stipulated in the contract/supply order as a result of outbreak of hostilities, declaration of an embargo or blockade, or fire, flood, acts of nature or any other contingency beyond the supplier's control due to act of God then Coal India Limited or its subsidiary companies any allow such additional time by extending the delivery period, as it considers to be justified by the circumstances of the case and its decision shall be final. If and when additional time is granted by the Coal India Limited and its subsidiary companies, the contract/supply order shall be read and understood as if it had contained from its inception the delivery date as extended.

22. The supplier shall allow reasonable facilities and free access to his works and records to the Inspector, Progress Officer or such other Officer nominated for the purpose. Inspector of stores, i.e. supplies made by the successful tenderer against the supply order mentioned at (15) above, shall be carried out by the Inspector/Consignee at the colliery site/stores or by the Inspecting Wing (inclusive of all its branch offices) of the DGS&D, New Delhi or any other agency as may be specified in the supply order. Where necessary, inspection may be carried out at the supplier's premises.

23. Coal India Ltd. and/or its subsidiary companies do not bind itself to accept the lowest or any tender and reserves to itself the right of accepting the whole or any part of the tender or portion of the quantity offered and the tenderer shall supply the same at the rate quoted.

24. The supplier shall at all times indemnify Coal India Limited and its subsidiary companies against all claims which may be made in respect of the supplies for infringement of any right protected by patent, Registration of Design or Trade Mark, provided that in the event of any claim in respect of alleged breach of Letter Patent, Registered Design or Trade Mark being made against Coal India Ltd. and/or its subsidiary companies, the said authority shall notify the supplier of the same and the supplier shall be at liberty at his own expense to settle any dispute or to conduct any litigation that may rise there from.

25. Carrying Vessels for Imported Items

In case of machinery imported from abroad, it is preferable that shipment should be effected in Indian Vessels, wherever possible. Supplies will however not be delayed on this account.

26. Freight

The stores shall be dispatched at public tariff rates in the case of FOR station of dispatch contract and the stores shall be booked at full wagon rates whenever available and by the most economical route or by the most economical tariff available at the time of dispatch as the case may be. Failure to do so will render the supplier liable for any avoidable expenditure causes to the purchaser.

Where alternative routes exist, Coal India Limited and/or its subsidiary companies shall, if called upon also to do indicate the most economical route available or name the authority whose advice in the matter should be taken and acted upon. If any advice of any such authority is sought, his decision or advice in the matter shall be final and binding on the supplier.

27. Passing of Property

Property in the stores shall not pass to the purchaser unless and until the stores have been delivered to the consignee or interim consignee as the case may be in terms of the contract.

28. Laws Governing the Contract

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- a) This contract shall be governed by the Laws of India for the time being in force.
b) Irrespective of the place of delivery, the place of performance of place of payment under the contract, the contract shall be deemed to have been made at the place from which the acceptance of tender or supply order has been issued.

c) **Jurisdiction of Courts**

The courts of the place from the acceptance of tender has been issued shall alone have jurisdiction to decide any dispute arising out of or in respect of the contract.

d) **Marking of Stores**

The marking of the stores must comply with the requirements of the law relating to Merchandise Marks for the time being in force in India.

29. Corrupt Practices

a) The supplier shall not offer or give or agree to give to any person in the employment of the purchaser or working under the orders of Coal India Ltd. and/or its subsidiary companies any gift or consideration of any kind as an inducement or reward for going or forbearing to do or for having done or forbome to do any act relating to the obtaining or execution of the contract or any other contract with the purchaser or for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the purchaser. Any breach of the aforesaid condition by the supplier or any one employed by him or acting on his behalf (whether with or without the knowledge of the supplier) or the Commission of any offence by the supplier or by any one employed by him or acting on behalf under Chapter IX of the India Penal Code, 1860 or the Prevention of Corruption Act, 1947 and any amendments thereto or any other Act enacted for the prevention of corruption by Public Servants shall entitle Coal India Limited and or its subsidiary companies to cancel the contract and all or any other contract with the supplier and to recover from the supplier the amount of any loss arising from such cancellation in accordance with the provisions of Clause 20.

b) Any dispute or difference in respect of either the interpretation effect or application of the above condition or of the amount recoverable, the re-under by the purchaser from the supplier shall be decided by Coal India Limited and its subsidiary companies whose decision thereon shall be final and binding on the supplier.

30. Insolvency and Breach of Contract

(a) Coal India Limited and/or its subsidiary companies may at any time by notice in writing, summarily determine the contract without compensation to the supplier in any of the following event, that is to say

If the supplier being an individual or if a firm any partner thereof, shall at any time be adjusted insolvent or shall have a receiving order or order for administration of his estate made against him or shall take any proceeding for composition under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or enter into any arrangements or composition with his creditors or suspend payment or if the firm be dissolved under the Partnership Act.

(b) If the supplier being a company is wound up voluntarily by the order of a court or a Receiver, Liquidator Manager on behalf of the Debenture-Holders is appointed or circumstances shall have arisen which entitles the court or Debenture-Holders to appoint a Receiver, Liquidator or Manager.

(c) If the supplier commits any breach of the contract not herein specifically provided For, Provided always that such determination shall not prejudice any right of action or remedy which shall have accrued or shall accrue thereafter to the purchaser and provided also the supplier shall be liable to pay to the purchaser for any extra expenditure he is thereby put to and the supplier shall under no circumstances be entitled to any gain on repurchase.

31. Terms of Payment

(a) For all stores, 100% payment should be made on receipt of the consignment at site and acceptance by the consignee as per actual payment term stipulated in the contract. The number and date of Railway receipt, Bill of Lading, Air Way Bill or Consignment Note under which the goods charged for in the bill are dispatched by Railway, Ship, Air or Road respectively, and the number and date of the letter with which such Railway Receipt, Bill of Lading, Air Way Bill or Consignment Note is forwarded to the consignee should be quoted on the bill. In the case of stores dispatched by post, the postal receipt should be attached in original to the bill and its number and date quoted therein.

(b) Payment against the supply orders placed either by the Subsidiary company or by CIL shall be arranged by the Subsidiary Companies, if not specified otherwise. Wherever order is placed by CIL on any foreign supplier involving requirement of more than one Subsidiary Co., payment shall be arranged by CIL normally through Letter of Credit.

(c) Payment for Agency Commission, if any, involved, may be considered in case of necessity, subject to compliance of the Government of India Guidelines issued from time to time. The name of the Indian Agent with their full address and the quantum of Agency Commission, if any, payable, shall have to be mentioned in the supply order itself.

(d) Payment from CIL may also be considered, if felt necessary, by the CIL management, even though order is placed against the requirement of one subsidiary company by CIL.

(e) Specific payment term may be formulated in accordance with the provisions laid down (as applicable) at Chapter-IX of the Purchase Manual.

32. Progress Reports

(a) The supplier shall from time to time render such reports concerning the progress of the contract and/or supply of the stores in such form as may be required.

(b) The submission, receipt and acceptance of such reports shall not prejudice the right of the purchaser under the contract, nor shall operate as an estoppel against the purchaser merely by reason of the fact that he has not taken notice of or objected to any information contained in such report.

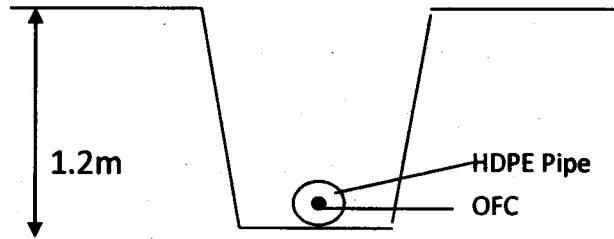
33. All disputes arising out of the contract shall be under the jurisdiction of Ranchi court only and as per "Law of the land".

Alankar
25/05/17

Raj

ANNEXURE-D

OPTICAL FIBRE TRENCH LAYOUT



Alankar
25/05/17

RMS

ANNEXURE-E

WEBEL TECHNOLOGY LIMITED

(A Govt. of West Bengal Undertaking)

AN ISO 9001 : 2008 Company

Plot-5, Block-BP, Sector-V, Salt Lake City, Kolkata-700 091

CIN - U72200WB2001SGC092897

Tel. : 2367-3403-08

Fax : 91-33-2367-9418

Visit Us at : www.wtl.co.in

PRE CONTRACT INTEGRITY PACT ---- Annexure-G

General:

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on 14th day of the month of June 2016, between , on one hand, Central Coalfields Limited acting through Shri Designation of the officer, Ministry/ Department , Government of India (hereinafter called the "BUYER", which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part and M/s. Webel Technology Limited represented by Shri P.S. Mitra (Dy. Manager) called the "BIDDER /Seller" which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part. WHEREAS the BUYER proposed to procure (Turnkey Project for Setting up of State of Art CCL HQ Campus LAN of 800 Nodes on rental basis for 5 years as well as on outright basis for 1 year warranty and 4 year AMC.) and the BIDDER/Seller is willing to offer/has offered the stores and WHEREAS the BIDDER is a private company/ Public company/ Government Undertaking/ Partnership/ registered export agency, constituted in accordance with the relevant law in the matter and the BUYER is a PSU performing in the name of Central Coalfields Limited, having its Hqs. at Ranchi, Jharkhand.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/ prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to: -

Enabling the BUYER to obtain the desired said stores/ equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement and

Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

Then parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Commitments of the BUYER:

1.1 The BUYER undertakes that no official of the BUYER, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

1.2 The BUYER will, during the pre-contract stage, treat all BIDDERS alike and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER, which could afford an advantage to that particular BIDDER in comparison to other BIDDERS.

1.3 All the officials of the BUYER will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

2. In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the BUYER with full and verifiable facts and the same is prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

Commitments of BIDDERS

3. The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post - contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:-

3.1 The BIDDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.

3.2 The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing

Registered Office : Webel Bhavan, Block-EP & GP, Sector-V, Salt Lake City, Kolkata-700 091

Handwritten signature
25/05/17

Handwritten signature

or forbearing to show favour or disfavor to any person in relation to the contract or any other contract with the Government.

3.3* BIDDERS shall disclose the name and address of agents and representatives and Indian BIDDEs shall disclose their foreign principals or associates.

3.4* BIDDERS shall disclose the payments to be made by them to agents/ brokers or any other intermediary, in connection with this bid/ contract.

3.5* The BIDDER further confirms and declares to the BUYER that the BIDDER is the original manufacturer/ integrator/ authorized Government sponsored export entity of the defence stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

3.6 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

3.7 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract. 3.8 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

3.9 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.

3.10 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

3.11 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.

3.12 If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly, is a relative of any of the Officers of the BUYER, or alternatively, if any relative of an officer of the BUYER has financial interest/ stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filing of tender.

The term 'relative' for this purpose would be as defined in Section 6 of the Companies Act, 1956.

3.13 The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER.

4. Previous Transgression

4.1 The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's 'exclusion from the tender process.

4.2 The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

5. Earnest Money (Security Deposit) : As per NIT document.

6. Sanctions for Violations:

6.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following actions, wherever required:-

(i) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.

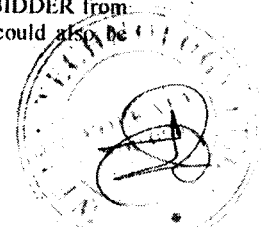
(ii) The Earnest Money Deposit (in pre-contract stage) and /or Security Deposit / Performance Bond (after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.

(iii) To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.

(iv) To recover all sums already paid by the BUYER, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.

Alka
26/05/12

B. S. S.



(v) To encash the advance Bank guarantee and performance bond warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.

(vi) To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/ rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.

(vii) To debar the BIDDER from participating in future bidding processes of the Government of India for a minimum period of five years, which may be further extended at the discretion of the BUYER.

(viii) To recover all sums paid in violation of this Pact by BIDDER(s) to any middleman or agent or broker with a view to securing the contract.

(ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.

(x) Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

6.2 The BUYER will be entitled to take all or any of the actions mentioned at Para 6.1(i) to (x) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal Code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.

6.3 The decision of the BUYER to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the independent Monitor(s) appointed for the purpose of this Pact.

7. Fall Clause:

7.1 The BIDDER undertakes that it has not supplied/ is not supplying similar product/ systems or sub-systems at a price lower than that offered in the present bid in respect of any other Ministry/ Department of the Government of India or PSU and if it is found at any stage that similar product/ systems or sub systems was supplied by the BIDDER to any other Ministry/ Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

8. Independent Monitors:

8.1 The BUYER has appointed Independent Monitors (hereinafter referred to as Monitors) for this Pact in consultation with the Central Vigilance Commission (Names and Addresses of the Monitors to be given).

8.2 The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

8.3 The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.

8.4 Both the parties accept that the Monitors have the right to access all the documents relating to the Project/ procurement, including minutes of meetings.

8.5 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the BUYER.

8.6 The BIDDER(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the BUYER including that provided by the BIDDER. The BIDDER will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Sub contractors. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/ Sub contractor(s) with confidentiality.

8.7 The BUYER will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.

8.8 The Monitor will submit a written report to the designated Authority of BUYER/ Secretary in the Department/ within 8 to 10 weeks from the date of reference or intimation to him by the BUYER / BIDDER and should the occasion arise, submit proposals for correcting problematic situations.

9. Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

10. Law and Place of jurisdiction:

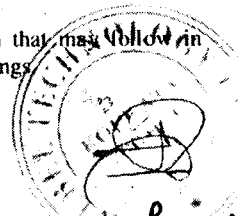
This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the BUYER.

11. Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudiced to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

Alkaidar
27-01-17

Buyer



12. Validity:

12.1 The validity of this Integrity Pact shall be from date of its signing and extend upto 5 years or the complete execution of the contract to the satisfaction of both BUYER and the BIDDER/ Seller, including warranty period, whichever is later. In case, the BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

12.2 Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

13. The parties hereby sign this Integrity Pact at ----- on -----

BUYER

BIDDER

Name of the Officer Signature with Seal

P.S. Mitra (Dy. Manager)
Webel Technology Limited

Witness

1. _____

1. *[Signature]*

2. _____

2. *[Signature]*

[Handwritten signatures and dates]
25.05.12

ANNEXURE-F

WEBEL TECHNOLOGY LIMITED

(A Govt. of West Bengal Undertaking)

AN ISO 9001 : 2008 Company

Plot-5, Block-BP, Sector-V, Salt Lake City, Kolkata-700 091

CIN - U72200WB2001SGC092897

Tel. : 2367-3403-06

Fax : 91-33-2367-9418

Visit Us at : www.wtl.co.in

ANNEXURE-H

E-Payment

To,
Central Coalfields Limited.,
Darbhanga House,
Ranchi- 834 009

Dear Sir,

Ref: AUTHORISATION OF ALL OUR PAYMENTS THROUGH ELECTRONIC FUND TRANSFER SYSTEM / RTGS/CBS/INTRA BANK TRANSFER.

We hereby authorize Central Coalfields Limited to make all our payments against our bills, Refund of earnest Money deposit and Security deposit, through Electronic fund transfer system/RTGS/CBS/Intra Bank transfer.

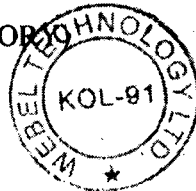
A. We confirm that we are registered/not registered (Strike out whichever is not applicable) with CCL for e-payment.



(AUTHORISED SIGNATORY)

Name : Rupak Roy
Manager (Finance)

Date Official stamp



B. The details for facilitating the payments (if not registered with CCL) are given below:-

1.	NAME OF THE BENEFICIARY	Webel Technology Limited
2.	ADDRESS (WITH PIN CODE)	Plot-5, Block-BP, Sector-V, Salt Lake City, Kolkata - 700 091
3.	TELEPHONE NO.(WITH STD CODE)	033- 2367-3403-06
4.	BANK PARTICULARS	
(A)	BANK NAME	State Bank of India
(B)	BANK TELEPHONE NO (WITH STD CODE)	033-23575140
(C)	BRANCH NAME	Salt Lake Electronic Complex
(D)	BANK BRANCH CODE	09985
(E)	BRANCH ADDRESS (WITH PIN CODE)	XI,8/1, EP Block, Salt Lake City, Sector-V, Kolkata - 700 091
(F)	BANK FAX NO.(WITH STD CODE)	Fax : 033-235705207

1 of 2

Registered Office : Webel Bhavan, Block-EP & GP, Sector-V, Salt Lake City, Kolkata-700 091

Approved
22-03-17 *R 15/15*

Page 66 of 67

(G)	9 DIGIT MICR CODE OF THE BANK BRANCH (ENCLOSE copy of cancelled cheque)	700002193
(H)	11 DIGIT IFSC CODE OF THE BENEFICIARY'S BRANCH	SBIN0009985
(I)	BANK ACCOUNT NO	10224931533
(J)	BANK ACCOUNT TYPE (TICK ONE)	
	SAVING	
	CURRENT	CURRENT
	LOAN	
	CASH CREDIT	
	OTHERS	
	IF OTHERS, SPECIFY	
5.	PERMANENT ACCOUNT NO.(PAN)	AAACW4201G
6.	EMAIL ADDRESS FOR INTIMATION REGARDING RELEASE OF PAYMENTS	Rupak_roy04@rediffmail.com
7.	CCL VENDOR CODE	NIL

We hereby declare that the particulars given above re correct and complete. If the transaction is delayed or credit is not affected at all for reasons of incomplete or incorrect information, I/we would not hold the company responsible. We also agree to bear the bank charges, if any, for enabling such transfer.

Rupak Roy
(AUTHORISED SIGNATORY)

Name : Rupak Roy
Manager (Finance)

Date Official stamp



BANK CERTIFICATION

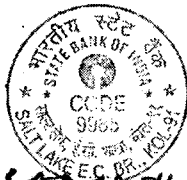
It is certified that above mentioned beneficiary holds a bank account No10224931533 with our branch and the Bank particulars mentioned above are correct.

Col. M. M. M. M.
(Authorized signatory) 15/11/16

Authorization No:

Name: *SHYAM LAL BANSAL*

Official stamp *DEPUTY MANAGER*
SBI - SLECC CODE - 09985



Date *15/11/16*
(Signature of Authorized official from the Banks)

Alkabet
20/11/16

B. N. S.