

Organisation Details	Buyer Details
Type: Central PSU Ministry: Ministry of Coal Department: Materials Management Organisation Name: Western Coalfields Ltd Office Zone: Western Coalfields Limited / Nagpur	Designation: Assistant Mgr MM Contact No.: 0712-2511381-5859 Email ID: satish.alugolu@nic.in GSTIN: 27AAACW1578L1ZW Address: WCL Hqrs, Coal Estate, Civil Lines, NAGPUR, MAHARASHTRA-440001, India

Financial Approval Detail	Paying Authority Details
IFD Concurrence: Yes Designation of Administrative Approval: DT (P&P) Designation of Financial Approval: GM(FINANCE)	Payment Mode: Offline Designation: Dy Manager Fin Email ID: sprathi@westerncoal.gov.in GSTIN: 27AAACW1578L1ZW Address: WCL Hqrs, Coal Estate, Civil Lines, NAGPUR CITY, MAHARASHTRA-440001, India

Seller Details	
Seller ID: F565180000096867 Company Name: PROGILITY TECHNOLOGIES PRIVATE LIMITED Contact No.: 09987039854 Email ID: sanjeev.bhandarkar@progilitytech.com Address: 601, 6th Floor,247 Park, Tower B,L B S Marg,Vikhroli (W), Mumbai, Maharashtra-400083, - MSME verified: No GSTIN: 07AAKCS5375F2Z1, 27AAKCS5375F1Z0, 27AAKCS5375F1Z0	

*GST / Tax invoice to be raised in the name of - Consignee

Product Details							
#	Item Description	Category Name	Model	HSN Code	Ordered Quantity	Unit	Price (Inclusive of all Duties and Taxes in INR)
1	Video Conferencing MCU	Video Conferencing MCU	Polycom RPCS 1800, DMA-Core, RPRM and 2 x DMA-Edge	HSN not specified by seller	1	pieces	4,209,084
2	Video Conferencing Media Encoder	Video Conferencing Media Encoder	Harman Media Suite with 6 Recordings and 3 Live Streamings	HSN not specified by seller	1	pieces	2,194,105
3	Online UPS	Online Ups-IS:9000	Maxipower- 5000-16000-CB	HSN not specified by seller	1	pieces	169,584
Total Order Value (in INR)							6,572,773

Consignee Detail						
S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
1	Designation: - Email ID: npurshottam@westerncoal.gov.in Contact: 0712-2510825- GSTIN: 27AAACW1 578L1ZW Address: WCL Hqrs, Coal Estate, Civil Lines, NAGPUR, MAHARASHTRA-440001,	Video Conferencing MCU	-	1	05-Jan-2021	06-Mar-2021
		Video Conferencing Media Encoder	-	1	05-Jan-2021	06-Mar-2021
		Online UPS	-	1	05-Jan-2021	06-Mar-2021

Product Specification for Video Conferencing MCU

Specification	Sub-Spec	Value
	Type of Video Conferencing System	All in one MCU based
	Type of MCU capable of delivering the video bridging performance as defined in the specifications	Hardware based MCU
	Number of ports on IP in all in one MCU	50
	Resolution	1080p, 30 fps
	Minimum Bandwidth Required for Specified video quality at MCU End (Mbps)	1024
	Minimum Bandwidth Required for Specified video quality at End point/far-site end (Mbps)	1024
	All components of the MCU solution, management sw & desktop client sw should be from the same OEM, Servers can be from third party	Yes
	MCU should support audio ports on IP	Yes
	MCU is IP based and Availability of Network management systems	Internal
	Max Number of registered End Point on an external /internal (Internet/Intranet) server	100
	Max Number of registered Desktop Clients on an external /internal (Internet/Intranet) server	100
	Max Number of registered Mobile Clients an external /internal (Internet/Intranet) server	100
	Max Number of registered External Users an external /internal (Internet/Intranet) server	100
	Dual Video Feature to be available in Desktop	Yes
	MCU must support Audio algorithms : (G Dot 711, G Dot 722, G Dot 729 or equivalent or better wide band audio coding support)	Yes
	MCU must support Telnet /USB /RJ45 /ssh	Yes
	Video coding support Protocol	H.263,H.264AVC,H.264SVC,H.264 High Profile
	MCU must support control of a conference like adding participants, removing participants, muting participants video and/ or audio, lock a conference	Yes
	MCU support Far End Camera Control, in voice activated and continuous presence modes	Yes
	MCU support sending/receiving multiple streams of video and presentation content without losing MCU port capacity	Yes
	MCU must support layout choices of different layouts	Yes
	MCU configurable to adapt the continuous presence screen layouts to accommodate newly added or dropped participants from the conference, up to 16 participants automatically	Yes
	MCU must provide standards based method of compensating and correcting for packet loss media streams loss	Yes
	MCU must provide a complete 'conference control' interface browser to support all 'in call' management functions with add and drop' manipulation of parties in the call	Yes
	MCU must support a configurable text overlay function, where in the Name, Site Identifier or terminal info is displayable	Yes
	MCU solution support maximum bandwidth control per endpoint or per groups of endpoints	Yes
	MCU solution support distributed architecture	Yes
	MCU solution must support real time monitoring	Yes
	Scheduling support through outlook integration	Yes
	The solution should allow registration of users, endpoints, their authentication and providing each a unique ID and presence status for simplified dialing	Yes
	MCU solution support Microsoft Outlook/Google etc scheduling with email notifications to individual participants	Yes

Specification

MCU solution must support personal address book	Yes
The conference scheduling application must support Dial-in or Dial-out to terminals	Yes
The conference MCU solution must support Direct Inward Dial to scheduled meetings	Yes
The network management software of the MCU/bridge must provide CDR data and view of current calls It allows to view all components of the solution and allow them to be maintained and upgrade centrally	Yes
MCU management software is capable to send e-mail notification to all participants using Microsoft outlook / Google etc plug in	Yes
Number of Management Software Licence	50
Both the MCU management software should be installed on server/appliances	Yes
MCU support Desktop Client Resolution from day one	1080p @ 30fps
Video and Content simultaneously both feature to be available in desktop	Yes
Number of multiple conferences/Sessions/ meetings with total number of participants concurrently from day 1	4
MCU is with redundant power supply in same Chassis/ Server	Yes
The desktop Client must be downloadable from central server or available on CD/USB	Yes
The desktop client is capable to display the presentation/ data sharing, shared by remote sites	Yes
The desktop client is capable to share presentations, desktop display or documents/application sharing to the participants	Yes
It must support AES 128 bit encryption	Yes
Media Relay Unit/Firewall and Nat firewall unit to be linked with MCU in order to make it available to all Codecs/endpoints	Yes
The desktop client is capable to run on latest Windows/Mac/Linux platforms along with mobile devices of IOS and Android	Yes
Management system (Gatekeeper and Scheduler) - Concurrent ports and registration for Admin User and Authentication	Yes
MCU should support IP connectivity for streaming and recording unit	Yes
All equipment are in compliance with the requirements of ITU-T Standard related to Video Conferencing	Yes
System to be IPv6 ready from day one	Yes
System uses standards based protocols and the offered system is interoperable with any existing H-323 AVC based video Conferencing MCU on all ports All H/W and S/W required to make it interoperable on port basis is included in the scope of supply	Yes
System is also tropicalized and report available from ILAC/NABL/Govt Lab with all add on including Environmental Sequence	No
(a) Dry Heat- For 16 hrs at 55 deg C as per IS:9000/pt-3/sec-5/1977(b) Cold-For 4 hrs at 0 deg C as per IS:9000/pt-2/sec-4/1977 (c) Damp Heat- For 2 Cycles of 24 h each at 40 deg C & 95% RH as per IS:9000/pt-5/sec-1/1991 (All Reaffirmed 2007)	No
After each environmental test and a recovery period of two hours, the video conferencing system has been checked for complete functional parameters, and the results found satisfactory	No
Type Test Report from ILAC/NABL/Govt lab confirming conformance to above technical specifications - to be made available to buyer	No
BIS Registration under CRS of Meity	NA
If Yes, Unique Registration Number issued by BIS and its Validity	-
UL/CE certification	Yes
If Yes, UL/CE certificate Number (Corresponding UL/CE Certificate to be furnished when demanded by the buyer)	ROBA-S0900
Minimum Operating temperature (Degree C)	10
Maximum Operating temperature (Degree C)	35

Minimum Operating humidity (%Rh)	20
Maximum Operating humidity (%Rh)	80
Free installation and commissioning	Yes
On Site OEM Warranty (Year)	5

Product Specification for Video Conferencing Media Encoder

Specification	Sub-Spec	Value
Specification	Supported live-streaming formats	MP-4/H.264
	Number of Concurrent Streaming Viewers	500
	Number of Simultaneous Output Stream	3
	Recording format	MP 4
	Supported on-demand formats	MPEG-4/H.264
	Ethernet port	10/100/1000 Mbps
	Available hard disk space (GB)	2000
	Number of Concurrent Recording Sessions At 1080p, 30fps	5
	Number of Concurrent Recording Sessions At 1080p, 60 fps	0
	Duration of Recording (Hours)	300
	BIS Registration under CRS of Meity	Yes
	If yes, BIS Registration Number and its validity	R-41019143
	UL/CE certification	Yes
	If Yes, UL/CE certificate Number (Corresponding UL/CE Certificate to be furnished when demanded by the buyer)	SE-86716A1.
	Availability of test reports to prove conformity to the specifications (Furnished when demanded by buyer)	No
	Minimum Operating temperature (Degree C)	-5
	Maximum Operating temperature (Degree C)	45
	Minimum Operating humidity (%RH)	10
	Maximum Operating humidity (%RH)	90
	Free Installation and commissioning	Yes
On Site OEM Warranty (Year)	5	

Product Specification for Online UPS

Specification	Sub-Spec	Value
Generic	Rating in KVA (KVA)	5.0 KVA
	Technology	IGBT-PWM with in-built isolation transformer
	Input Power	single phase 160V - 260V sinewave,50Hz
	Output power	Single phase 230V +/-1% sinewave 50 Hz
	Backup time (Minutes)	120
	Minimum VAH (VAH)	16000
	Warranty for UPS (Years)	3
	Movable trolley for Batteries	Without trolley.but with rack

	Degree of Protection	IP21
	Cabling 5 meters for input and out put	With
	Paralleling kit for synchronising	With
	Installation and Commissioning	Yes
Constructional	Minimum thickness of M.S.Sheet Enclosure duly painted (mm)	1.2
	Type of Battery	SMF-VRLA conforming to JISC:8702(Pt.I, II&III)
Functional	Maximum overshoot and Under shoot of output rated voltage	4
	Voltage Regulation from no load to full load (%)	< / = 3%
	20% Overload limit for minimum 10 minutes	Yes
	Overall Efficiency (%)	>/=90%
	Total Harmonic Distortion(THD) (%)	Maximum 3%
	50% Overload limit for minimum 1 minutes	Yes
Protection	Protection for under voltage at battery terminal at 10.5V per 12 V battery	Yes
	Protection of Over voltage,Short Circuit & over load at UPS output terminal	Yes
Metering And Indications	Digital Metering in UPS for AC Input Voltage,Output AC Voltage,Current,Frequency,Battery Voltage and Current	Yes
	Indicators for mains presence,Battery charging and discharging,Output Over Load, Low Battery Voltage	Yes
Reports And Certification	Damp Heat : in accordance with IS:9000(part 5/sec.2)1981 at Temperature of 40 degree C,two cycles of (12+12) hours each 2007)	Yes
	Dry Heat Test : in accordance with IS:9000 (part 3/sec.5)1977 (reaffirmed 2007) at 55 degree C for 16 hrs	Yes
	Cold Test : in accordance with IS:9000 (Part 2/Sec.4)1977 (Reaffirmed 2007) at -10 degree C for 4 hrs.	Yes
	Availability of the Type Test Report from Central Govt. /NABL/ILAC Accredited lab covering all technical requirements.	Yes
	Type Test Certificate No.	NTS/PPTL/UPS-293/02
	Type Test Certificate date	10.06.2015
	Name of Lab	NISAKI TECH SERVICES
	Address of Lab	BANGALORE-27
	As per Meity (Government of India) guidelines UPS shall have valid BIS CRS certifications as applicable	Yes

Corrigendum

1. Extended Upto : 2020-09-04 20:00:00
2. GeM-Bidding-Corr-181 8011-3.pdf :[click here](#)

Terms and Conditions

1. Special terms and conditions

1.1

Calculation of Minimum VAH based on Back up time

Minimum VAH requirements would be calculated on the basis of following:

(VAH Calculation: Battery Voltage x Battery Ah x No. of Batteries = VAH)

UPS Rating	15 Minutes	30 Minutes	60 Minutes	90 Minutes	120 Minutes	180 Minutes	240 Minutes
1 KVA	400 VAH	800 VAH	1600 VAH	2400 VAH	3200 VAH	4800 VAH	6400 VAH

2 KVA	800 VAH	1600 VAH	3200 VAH	4800 VAH	6400 VAH	9600 VAH	12800 VAH
3 KVA	1200 VAH	2400 VAH	4800 VAH	7200VAH	9600 VAH	14400 VAH	19200 VAH
5 KVA	2000 VAH	4000 VAH	8000 VAH	12000 VAH	16000 VAH	24000 VAH	32000 VAH
6 KVA	2400 VAH	4800 VAH	9600 VAH	14400 VAH	19200 VAH	28800 VAH	38400 VAH
7.5 KVA	3000 VAH	6000 VAH	12000 VAH	18000 VAH	24000 VAH	36000 VAH	48000 VAH
10 KVA	4000 VAH	8000 VAH	16000 VAH	24000 VAH	32000 VAH	48000 VAH	64000 VAH
15 KVA	6000 VAH	12000 VAH	24000 VAH	36000 VAH	48000 VAH	72000 VAH	96000 VAH
20 KVA	8000 VAH	16000 VAH	32000 VAH	48000 VAH	64000 VAH	96000 VAH	128000 VAH
30 KVA	12000 VAH	24000 VAH	48000 VAH	72000 VAH	96000 VAH	144000 VAH	192000 VAH
40 KVA	16000 VAH	32000 VAH	64000 VAH	96000 VAH	128000 VAH	192000 VAH	256000 VAH
60 KVA	24000 VAH	48000 VAH	96000 VAH	144000 VAH	192000 VAH	288000 VAH	384000 VAH
80 KVA	32000 VAH	64000 VAH	128000 VAH	192000 VAH	256000 VAH	384000 VAH	512000 VAH
100 KVA	40000 VAH	80000 VAH	160000 VAH	240000 VAH	320000 VAH	480000 VAH	640000 VAH

2. General Terms and Conditions

2.1 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2.2 Terms of delivery: Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other services in the scope of supply (as indicated in respective product category specification / STC / ATC), and the cost of the same is also included in the Contract price.

2.2.1 Contracted goods should be delivered at the consignee or designated delivery location as per the working time of the buying organisation. Seller may get the same confirmed from consignee before scheduling delivery.

2.2.2 A copy of the contract should be available with the messenger / dispatching agency that delivers the Goods at consignee / delivery location (preferably pasted / attached outside the consignment / package) for easy reference and ease in delivery acceptance.

2.3 Delivery period: The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.

2.4 Performance Security: If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.

2.5 Taxes and Duties: Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.

2.6 Octroi Duty and / or other local taxes: Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).

2.7 Limitation of Liability: The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.

2.8 Resolution of disputes: The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.

2.9 Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

2.10 Financial Certificate:

2.10.1 The expenditure involved for this purpose has received the Sanction of the competent financial authority.

2.10.2 The funds are available under the proper head in the sanction budget allotment for the concern financial year.

2.10.3 I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.

2.11 The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

3. Additional Terms and conditions

3.1 Upload Manufacturer authorization: Wherever Authorised Distributors are submitting the bid. Manufacturers Authorisation Form (MAF)/Certificate with OEM

3.2 Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

3.3 Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

3.4 Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

3.5 Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

3.6 Bidders can also submit the EMD with Account Payee Demand Draft in favour of WESTERN COALFIELDS LIMITED payable at NAGPUR.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

3.7 Bidders can also submit the EMD with Banker's Cheque in favour of WESTERN COALFIELDS LIMITED payable at NAGPUR.

Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

3.8 Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of WESTERN COALFIELDS LIMITED payable at NAGPUR. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

3.9 To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): For MCU - Compatible and interoperable with lifesize, polycom, cisco VC systems. Interface with 2 Existing MPLS enterprise networks and 1 Public IP. Dynamic transcoding for 1080p, 720p & SD participant without reboot. Upgradable to 8 Concurrent meeting in proposed hardware. H.323 & SIP Support. Proposed solution should interoperate for audio, video & content sharing with cloud based service providers like WebEx / Microsoft Teams & all components of solution required for interoperability should be from same OEM.

3.10 Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name Western Coalfields Limited Account No.

916020014855308 IFSC Code UTIB0000048 Bank Name AXIS BANK Branch address M.G House, Rabindranath Tagore Road, beside board office civil lines, Nagpur, 440001, Maharashtra.

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

3.11 Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name Western Coalfields Limited Account No. 916020014855308 IFSC Code UTIB0000048 Bank Name Axis Bank Branch address M.G House, Rabindranath Tagore Road, beside board office civil lines, Nagpur, 440001, Maharashtra. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

