

WEST CENTRAL RLY

BHOPAL DIVISION-S AND T
O/O Sr. DSTE/CO/Bhopal, DRM
office, Near Habibganj Naka
BHOPAL, 462024
Madhya Pradesh , India

Letter No: BHOPAL DIVISION-S AND T / BPLNWKS2023-24Tele17 /
01165180099694

Dated: 14/03/2024

M/s PIXEL INFOTECH-SITAMARHI

Ward no 12, muradpur, dumra, sitamarhi, bihar
Sitamarhi- 843301
Bihar, India

Sub: Letter Of Acceptance

- Ref:**
- 1.** Tender No. BPLNWKS2023-24Tele17 closing date 02-02-2024 15:00 for Provision of tunnel communication in 03 tunnels of Ghat section between BNI-MIG-CHQ-BKA.
 - 2.** Your bid ID **16280036** dated **02/02/2024 13:52**

The Competent Authority has accepted your offered rates in connection with the subject work. The total cost of the work at the accepted rates works out to Rs. 6585225.89 (Rupees Sixty-Five Lakh Eighty-Five Thousand Two Hundred And Twenty-Five Rupees And Eighty-Nine Paise Only)

A sum of Rs.135800 deposited as Earnest Money vide IREPS reference ID PE475821284178, PE279221284385 has been retained towards initial Security Money for due and faithful fulfillment of the contract, and the balance Security Money will be recovered from the progressive bills @ 6 % of the bill amount till it reaches 5 % of the contract value in terms of clause no. 16(1) of Standard GCC of April 2022.

You are requested to submit Performance Guarantee in the form as given in Clause no. 16(4) of Standard GCC of April 2022 equivalent to 5 % of the contract value amounting to Rs. 329261.29 (Rupees Three Lakh Twenty-Nine Thousand Two Hundred And Sixty-One Rupees And Twenty-Nine Paise Only) within 21 days from the date of issue of Letter of Acceptance, valid up to stipulated date of completion plus 60 days so that contract agreement can be executed. (a) The successful bidder shall have to submit a Performance Guarantee (PG) within 21 (Twenty one) days from the date of issue of Letter of Acceptance (LOA). Extension of time for submission of PG beyond 21 days and upto 60 days from the date of issue of LOA may be given by the Authority who is competent to sign the CA. However, a penal interest of 12% per annum shall be charged for the delay beyond 21 days, i.e. from 22nd day after the date of issue of LOA. Further, if the 60th day happens to be a declared holiday in the concerned office of the Railway, submission of PG can be accepted on the next working day. In all other cases, if the Contractor fails to submit the requisite PG even after 60 days from the date of issue of LOA, the contract is liable to be terminated. In case contract is terminated railway shall be entitled to forfeit Bid Security and other dues payable to the contractor against that particular contract, subject to maximum of PG amount. In case a tenderer has not submitted Bid

Security on the strength of their registration as a Startup recognized by Department of Industrial Policy and Promotion (DIPP) under Ministry of Commerce and Industry, DIPP shall be informed to this effect. The failed Contractor shall be debarred from participating in re-tender for that work. (b) The successful bidder shall submit the PG in any of the acceptable forms amounting to 5% of the original contract value as detail mentioned in performance guarantee clause of GCC. (c) The Performance Guarantee shall be submitted by the successful bidder after the Letter of Acceptance (LOA) has been issued, but before signing of the contract agreement. This P.G. shall be initially valid upto the stipulated date of completion plus 60 days beyond that. In case, the time for completion of work gets extended, the Contractor shall get the validity of P.G. extended to cover such extended time for completion of work plus 60 days. (d) PG in the form of bank guarantee should be submitted in favour of Sr. DFM/WCR/Bhopal in proper format on non-judicial stamp paper value of stamp paper will be 0.25% of the amount. For legal vetting charges an amount of Rs.200/- should be deposited & receipt submitted to this office.

The entire work shall be completed within 6 month from the date of issue of Letter of Acceptance.

Rates: Income Tax and all other taxes shall be deducted from the bills as per extent rules applicable at the time of the bill.

Payment Authority: Senior Divisional Finance Manager, West Central Railway, Bhopal will be the bill passing authority.

Performance Guarantee: Performance guarantee to be submitted in favour of Sr. Divisional Finance Manager/ West Central Railway/Bhopal (Sr.DFM/WCR/Bhopal). Beneficiary of performance guarantee should be Sr. Divisional Finance Manager/West Central Railway/Bhopal.

Acceptance of LOA: This LOA is being sent to you on line. One copy should be signed by you on all pages alongwith stamp as a token of your acceptance and submitted to this office on or before 15 days from the date of issuing of LOA.

Contract Agreement: This letter of acceptance is a binding contract on you till the formal agreement is signed. You will be advised for signing the agreement for due fulfillment of contractual obligations after completing all the formalities i.e. legal vetting of Bank Guarantee, Power of Attorney etc.

Compliance of Labour Laws & Registration : Contractor should comply with the latest applicable labour laws. You are advised to contact Regional Labour Commissioner, Bhopal for necessary action. Contractor is to abide by the provisions of Payment of Wages act & Minimum Wages act in terms of clause 54 and 55 of Indian Railways General Condition of Contract. In order to ensure the same, an application has been developed and hosted on website 'www.shramikkalyan.indianrailways.gov.in'. Contractor shall register his firm/company etc. and upload requisite details of labour (PF, ESIC deatails) and their payment in this portal.

Consignee : SSE/Tele/RKMP will be the consignee for store material as well as for execution of work for respective sections.

Test Check officer: ADSTE/RKMP shall be field officer for the supply material as well as for the execution of the work of respective section

Officer in Charge : Sr. DSTE(Co)/Bhopal shall be officer in charge for the work

Misc.: Sr. DSTE(Co)/Bhopal may be substitute these officers/supervisors at a later date as per Rly. requirement

Rate Restriction: NIL

Maintenance Period: Maintenance period will be 01 years after installation and commissioning of the complete system and completion of work their taking over by the Railways.

Security of Rly Material: For work contract of value exceeding 50 Lakhs, (in which MEC is applicable), the Tenderer will have to furnish an indemnity bond for the Security of the Railway Material issued to him. The beneficiary of the indemnity bond will be the Sr. Divisional / Divisional Signal and Telecom Engineer i.e. the Engineer-in-charge of the work. The value of this indemnity bond will be equal to contract value which will be taken for the issue of material to contractor and thus no requirement of BG for this purpose.

All Other terms and conditions, as stipulated in the tender documents shall be applicable.

MANISH CHOUDHARY
ASTE/Sig/HBJ
Digitally Signed
[View Signature Details](#)

Awarded Quantities And Rates

Item Sno.	Item Desc	Item Code	Item Qty	Qty Unit	Unit Rate(Rs)	Escl. (%)	Advt.Value (Rs)	Bid Rate/ Unit Rate	Bid Amount (Rs)
Schedule 01-Description of work (Item Directory - Not Applicable)							6790992.98		
01	Schedule A		View Details			At Par	6634219.83		
02	Schedule B		View Details			At Par	156773.15		
Schedule Totals									0.00
Total Value							6790992.98	3.03 %Below	6585225.89
							Rebate on Total Value (%)		0.00
							Net Bid Value		6585225.89

Item Breakup

Schedule	01-Description of work					
Item - 01	Schedule A					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Supply, Installation, Testing and Commissioning of Full HD Fixed Bullet type IP Colour Camera along with 128 GB or Higher SD Card, housing and mount and all accessories required for installation purposes per RDSO Spec No RDSO/SPN/TC/65 /2021, Rev 6.0 or latest. (Inspection Authority: RDSO) Note: This also includes the steel cage to protect the camera as decided by site incharge.	Numbers	28	18744.87	524856.36
2	02	Supply, Installation, Testing and Commissioning of Full HD PTZ type IP Colour Camera along with 128 GB or Higher SD Card, housing and mount and all accessories required	Numbers	10	69692.45	696924.50

		for installation purposes as per RDSO Spec No RDSO/SPN/TC/65/2021, Rev 6.0 or latest. (Inspection Authority: RDSO) Note: This also includes the steel cage to protect the camera as decided by site incharge.				
3	03	Supply, Installation, Testing and Commissioning of VMS Server with all the accessories required for the installation for VSS project, including one 17 inch FHD Monitor with Keyboard, Mouse, KVM Switch, As per RDSO Spec No RDSO/SPN/TC/ 65/2021, Rev 6.0 or latest. (Inspection Authority: RDSO)	Numbers	1	967198.31	967198.31
4	04	Supply Installation, Testing and Commissioning of Software for VMS and Video Recording software. (Per camera License means Video Management and Video Recording at multiple locations such as Station, RPF Post & DC Server room covered by the same license) as per technical spec and functional requirement as per RDSO Spec No RDSO/SPN/TC/65/2021 Rev.6 or latest. (Inspection Authority: RDSO)	Numbers	38	4742.76	180224.88
5	05	Supply Installation Testing and Commissioning of PC Work Station for Viewing, Monitoring and System Management as per RDSO Spec No. RDSO/SPN/TC/65/ 2021, Rev 6.0 or latest. (Inspection Authority: RDSO)	Numbers	1	338768.56	338768.56
6	06	Supply, installation Testing & Commissioning of Storage System for 30 days recording at Station/Sites for recording of Cameras from cluster of station along with all accessories required for installation purposes as per RDSO Spec No RDSO/SPN/TC/65/2021, Rev.6.0 or latest. (Inspection Authority: RDSO). Note: This includes the complete storage as a LOT at each location for all types of Cameras mentioned in the Schedule.	Lot	38	11987.20	455513.60
7	07	Supply and installation of Layer 2 Switch as per RDSO/SPN/TC/65 /2021, Rev.6.0 or latest. Minimum 8+2 Port Manageable with 8 nos. 10/100/1000 Mbps Ethernet port, POE+ & Single Fiber 2 Nos 1G SFP Port with BX SM SFP Optical Modules loaded with all accessories etc. As per RDSO/SPN/TC/65/2021, Rev.6.0 or latest. (Inspection Authority: RDSO).	Numbers	16	43928.23	702851.68
8	08	Supply and installation of 42 Inch " smart LED TV with Wi-Fi Screen Share Hot Spot, Resolution: 3840 x 2160 (UHD), Aspect Ratio: 16:9, Number of Speakers: 02, Wattage of Speaker (Watt): 20, Ports available: HDMI Port, USB Port, RJ 45, other accessories: Accessories: AC Power cord, remote control, user manual, wall mount bracket, necessary cables and connectors On Site OEM Warranty (Year): 03. Accepted make/Brand Sony, Samsung, LG. (Inspection Authority: Consignee)	Numbers	3	36999.75	110999.25
9	09	Supply of online UPS 2 KVA for single phase AC 160V to 280V input pure sine wave with inbuilt batteries with 60 minutes battery backup. Accepted Make/Brand: APC, Luminous, AMCO. (Inspection Authority: Consignee)	Numbers	3	11847.27	35541.81
10	10	Supply of HDMI CABLE 10 MTRS MX of reputed make with ISI mark on it. (Inspection Authority: Consignee)	Numbers	3	1449.55	4348.65
11	11	Supply 4U size RACK 450mm depth with locking arrangements,6 Socket PDU, hinge door, cooling fan, cable manager, partition tray, locking arrangement and all other required accessories, also it should have both floor and wall mount arrangement. Make- Comrack, Rittel, APW, HCL, D- LINK. (Inspection Authority: Consignee)	Numbers	16	2194.80	35116.80
12	12	Supply of OFC single mode 6 fiber armoured cable. This shall comply Standards ISO: 11801 and TEC specification 85010:2003 or latest Make: finolex/polycab/Paramount. (Inspection authority: Consignee).	Metre	2500	43.92	109800.00

13	13	Supply of STP Cat 6 cable it should be compliant with latest EIA/TIA-568-B.2-1 standard Make-D-link/ syrotech/ Digisol or similar. (Inspection authority: Consignee).	Metre	1200	63.78	76536.00
14	14	Supply of PVC insulated flexible 3 core X 2.5 sq.mm multi strand power cable as per specification no.IS 694:1990 reaffirmed 1995 or latest. (Inspection authority: Consignee).	Metre	600	57.98	34788.00
15	15	Supply of 2 core 1.5 Sq.mm twin twisted multistrand screened P.A PVC Shielded cable confirming specification IS-694 MIN or LATEST amendment make-Anchor, HPL, HAVELLS, FINOLEX . (Inspection authority: Consignee).	Metre	3500	44.60	156100.00
16	16	Supply of Power Supply connection strips with spike protection and fuse of Anchor/ Leader/Havells or similar make. (Inspection authority: Consignee).	Numbers	6	405.29	2431.74
17	17	Supply and fixing of 25mm dia 2mm thick PVC conduit pipe with ISI mark on it and of reputed make. (Inspection Authority: Consignee)	Metre	7800	40.16	313248.00
18	18	Supply and fixing of PVC flexible pipe25/40/50mm dia of reputed make. (Inspection Authority: Consignee)	Metre	600	47.13	28278.00
19	19	Supply of media converter as per RDSO Spec No. SPN/TC/65/2019 Rev.5 or latest (Inspection authority: Consignee).	Pair	12	7267.15	87205.80
20	20	Supply of LAN Extender as per RDSO Specifications RDSO/SPN/TC/82/2020 Rev.2.0 or latest. (Inspection authority: Consignee).	Pair	3	29472.59	88417.77
21	21	Supply of 6 port rack mount LIU loaded with LC/SC/FC coupler as per site requirement. (Inspection authority: Consignee).	Numbers	16	29472.59	471561.44
22	22	Supply and installation of Central software license Accepted make: Bosch/Heinrich/Zennitel, as per Technical Specification attached as Annexure A. (Inspection Authority: Consignee)	Numbers	4	6430.14	25720.56
23	23	Supply and installation of central paging microphone. Accepted make: Bosch/Heinrich/Zennitel , as per Technical Specification attached as Annexure B. (Inspection Authority: Consignee)	Numbers	5	103139.52	515697.60
24	24	Supply and installation of station equipment (a) Single zone network adaptor for each station. Accepted make: Bosch/Heinrich/ Zennitel, as per Technical Specification attached as Annexure C. (Inspection Authority: Consignee)	Numbers	4	32150.72	128602.88
25	25	Supply Installation testing & Commissioning of Two Zone 400 watt PA Amplifier. Make : Ahuja, Bosch or superior. (Inspection Authority: Consignee)	Numbers	3	30299.00	90897.00
26	26	Supply & Installation of Horn Speaker with tapping of 10, 15 and 20 watt RMS with 100V. Impedance matching transformer Ahuja Model No. UHC-25XT Make- Ahuja, Shure, BOSCH. (Inspection Authority: Consignee)	Numbers	23	2248.08	51705.84
27	27	Supply & Installation Two wire Talk Back System consisting one master and one Slave unit working on 110V AC as per Specification No. CR/S&T/CPC/ 2001/03.Guarantee certificate to be submitted. Make-ACES, Tumala, Epsilon. Specification the latest amendment. (Inspection Authority: Consignee)	Numbers	7	17582.00	123074.00
28	28	Supply of Apparatus Case with miniature 'E' type locks with keys (1key per 5 location boxes) of ward Nos. 41 (E type lock & key as per spec. Nos IRS S 30 & RDSO Drg.Nos.SA 3376/M & 3377/M respectively with latest Amendment) on both the doors,	Numbers	3	18590.84	55772.52

		duly painted with red oxide. Half case as per Drg Nos WS-8842/A with latest alteration. (Inspection Authority: Consignee)				
29	29	Supply of Phenolic Laminated sheet, resin bonded 10mm thick, grade P3in standard size of 1.22X1.22 Mtr asper spec. Nos IS 2036 of 1974. (Inspection Authority: Consignee)	Numbers	3	5860.58	17581.74
30	30	Supply of Network monitoring terminal with NMS support as per given technical specification attached as Annexure C. (Inspection Authority: Consignee)	Numbers	3	68152.18	204456.54
					Total	6634219.83
Item - 02	Schedule B					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	01	Excavation, casting and plastering (above ground level) of Apparatus case foundation with contractors own Metal Sheet frame, cement, anchor bolts with nuts & washers and other materials. The items also include additional earth work if required as per instruction of Rly. Engineer at site. Half case as per Drg No. JBP/S&T/C/85	Numbers	3	12907.11	38721.33
2	02	Erection of apparatus cases. This includes filling of location foundation with river bed sand and plastering on top of the sand. (Half case)	Numbers	3	1074.47	3223.41
3	03	Fabrication and fixing of phenolic board in location box by providing all fixtures as per Railway Drawing including fixing of PVC coated string rods at the back side for cable support with contractor's own materials. Lasing and dressing of cables/wires terminated with contractor's own supply of lasing thread. The work shall be done as per instructions of Rly engineer at site.(Half case)	Numbers	3	1976.75	5930.25
4	04	Wiring, drawing and laying of all telecom cable (PA cable/CAT6/OFC) in PVC casing capping/conduit pipe as per instruction of site engineer.	Metre	7800	12.61	98358.00
5	05	Splicing/ Dropping/ Termination/ Fixing of each fiber/ pigtail in the LIU/IO Box/ Terminal joint through fusion splicing of termination of OFC cables. The fiber terminated shall be tested & test report (Hard copy & Soft Copy) shall be submitted to the Railway for records. Each fiber shall be properly marked with necessary ferrules/ tags.	Numbers	64	164.69	10540.16
					Total	156773.15