



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

सं.संख्या: भाविप्रा/डीडीएन-प्रोजेक्ट/अभि.(सि)/ऐड.कार पार्किंग/ 2023/४०

दिनांक 04.07.2023

Ref. No. : AAI/ DDN-PROJ/ Engg(C)/ Add. Car Parking/ 2023/४०

Dated: 04.07.2023

सेवा में

To,

मैसर्स मित्तल कंस्ट्रक्शन कंपनी
180/10, गली नं-10, हरपाल नगर
निकट त्रिवेणी मंदिर, भट्टी रोड
ज़िला- बठिंडा-151001 (पंजाब)
ईमेल- mittal.mcc@gmail.com

M/s Mittal Construction Company,
180/10, Street. No. 10, Harpal Nagar,
Near Triveni Mandir, Bhatti Road,
Distt. Bathinda-151001 (Pb.)
Email: mittal.mcc@gmail.com

विषय: देहरादून हवाईअड्डे पर अतिरिक्त सरफेस कार पार्किंग का निर्माण एवं सम्बंधित कार्य।

Sub: - Construction of Additional Surface CAR Parking and associated works at Dehradun Airport.

सन्दर्भ : विषय कार्य की Tender ID-2023_AAI_154725_1 के अनुरूप में आपकी ई.-निविदा सं. 563350

Ref: Your bid Id. 563350 corresponding to Tender ID-2023_AAI_154725_1 for subject work.

प्रिय महोदय,

Dear Sir (s),

1. आपके द्वारा, उपरोक्त कार्य की **रु. 1,54,14,900.00** (GST के बिना) (रुपये. एक करोड़ चौवन लाख चौदह हजार नौ सौ मात्र) की मदद दर निविदा जो की उक्त कार्य की अनुमानित लागत **रु. 2,05,15,030.00** (GST के बिना) से **24.86%** कम है, को अध्यक्ष भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है।

Your E- tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totalling to **Rs. 1,54,14,900.00** (excluding GST) (**Rupees One Crore Fifty Four Lakh Fourteen Thousand Nine Hundred Only**) which is **24.86% below** the estimated cost put to tender of Rs. 2,05,15,030.00 (excluding GST).

2. सहायक महाप्रबंधक (अभि.-सि), भाविप्रा, देहरादून हवाईअड्डा इस कार्य के कार्यप्रभारी अभियंता होंगे। आपसे अनुरोध है कि दिनांक 29.07.2023 तक सहायक महाप्रबंधक (अभि.-सि), भाविप्रा, देहरादून हवाईअड्डा के कार्यालय में उपस्थित होकर ठेका संविदा को हस्ताक्षरित कर पूर्ण करें। ठेका **रु 100/-** (रुपये एक सौ मात्र) के गैर-न्यायिक मोहर पत्र पर सम्पादित किया जायेगा एवं मुद्रांक पत्र की कीमत आपके द्वारा वहन की जाएगी।

Asst. GM (E-C), AAI, Dehradun Airport, shall be the Engineer-in-charge of the work. You are requested to attend the office of Asst. GM (E-C), AAI, Dehradun Airport by 29.07.2023 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.

महाप्रबंधक अभियांत्रिकी परियोजना कार्यालय, देहरादून हवाईअड्डा, देहरादून: 248140 दूरभाष: 0135-2410951

General Manager (Engg.), Project Office, Dehradun Airport, Dehradun-248140, Tele: 0135-2410951

"हिन्दी पत्रों का स्वागत है"



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

3. निविदा के साथ प्राप्त अग्रिम धरोहर राशि रु. 4,10,301.00 (रुपये चार लाख दस हजार तीन सौ एक मात्र) को ठेका संविदा की धारा 14 पृष्ठ जीटीटी-2 के अनुसार सुरक्षा राशि का हिस्सा मानकर उसमें बदल दिया जाएगा। कृपया सुरक्षा राशि के रूप में रु. 14,08,658.00 (रुपये चौदह लाख आठ हजार छह सौ अठ्ठावन मात्र), इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर जमा कराना सुनिश्चित करे अन्यथा ठेका संविदा की धारा 1A पृष्ठ जीसीसी-16 के अनुसार सुरक्षा राशि कि कटौती की जाएगी।

The earnest money amount of **Rs. 4,10,301/-** (Rupees Four Lakh Ten Thousand Three Hundred One Only) received along with your tender will be treated and converted as part of security deposit as per Clause No.14 on page no. GTT-2 of contract document. Please deposit **Rs. 14,08,658/-** (Rupees Fourteen Lakh Eight Thousand Six Hundred Fifty Eight Only) towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per condition of Clause no. 1A at page no. GCC-16 of contract document.

4. आपसे अनुरोध है कि संविदा श्रमिक प्रावधान (विनियमन और उन्मूलन) अधिनियम 1970 एवं श्रमिक प्रावधान (विनियमन और उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार का विनियमन और सेवा की स्थिति) अधिनियम 1996, भवन एवं अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 जैसा की निविदा जीसीसी धारा 19 पृष्ठ जीसीसी-49 में निर्देशित है तथा इस सम्बन्ध में केंद्र/राज्य सरकार के नियमों का पालन करना सुनिश्चित करे।

You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 1971 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no. GCC-49 of GCC of tender and rules of Central and State Government.

5. आपको निर्देशित किया जाता है कि सहायक प्रबंधक (अभि.-सि), भाविप्रा, देहरादून हवाईअड्डा से संपर्क करे जो की आपको कार्यस्थल सौंपने की व्यवस्था करेंगे।

You are also directed to contact AM (E-C), AAI, Dehradun Airport immediately who will arrange to hand over the site to you.

6. कृपया ध्यान दे कि कार्य करने की निर्धारित अवधि 06 (छह) माह (बरसात के मौसम के लिए 01 महीने सहित) है, जो कि इस पत्र के जारी होने की तिथि के दसवें दिन से माना जायेगा।

Please note that the time allowed for carrying out the work shall be 06 (Six) months (including 01 month for rainy season) and same shall be reckoned from 10th day of the date of issue of this letter.

7. ई-निविदा प्रक्रिया के दौरान प्रकाशित सभी शुद्धिपत्र अनुबंध का हिस्सा बनेंगे।

All corrigendum raised during e-tendering process shall form part of the agreement.



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8. संविदा के सन्दर्भ में सामान्यतः कोई भी पत्राचार कार्य प्रभारी अभियंता को संबोधित करते हुए किया जाना चाहिए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.

9. कृपया इस पत्र की संलग्न अनुलिपि को हस्ताक्षरित कर पावती अधोहस्ताक्षरी को स्वीकृत चिन्ह के रूप में वापिस करने का कष्ट करें।

Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

Yours faithfully
भवदीय

(Handwritten signature)
04/07/2023
(विमल वर्मा)

सहायक महाप्रबंधक (अभि.-सि)
भाविप्रा, देहरादून हवाईअड्डा, देहरादून
कृते अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण

संलग्नक: अनुसूची-अ

Encl: Schdule-A

(08 पृष्ठ)
(08 Pages)

Validate

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Help

Name of Work: Construction of Additional Surface CAR Parking and associated works at Dehradun Airport.

SCHEDULE-A

Contract No: 2023_AAI_154725_1

Name of the Bidder/ Bidding Firm / Company		M/s Mittal Construction Co., Bathinda.				
Sl. No.	Item Description	Quantity	Units	BASIC RATE	TOTAL AMOUNT	TOTAL AMOUNT In Words
1	Excavation for earth in all kinds of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tipplers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location for all lifts and lead upto 1 Km as directed by Engineer-in-Charge.	4610.00	Cum	150.00	691500.00	INR Six Lakh Ninety One Thousand Five Hundred Only
2	Banking excavated earth (excluding rock) in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., for all lift and lead within Airport Premises as directed by Engineer-in-Charge. Note:- Banking of available excavated earth shall be done after properly segregating boulders and stones. Only available excavated Earth of approved specifications shall be used for banking. Additional efforts for segregating boulders, seiving or seperating earth from excavated earth shall be included in the item rate and no extra payment shall be done towards the same.	3227.00	Cum	150.00	484050.00	INR Four Lakh Eighty Four Thousand & Fifty Only
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering for all lead and lift within Airport premises as directed by Engineer-in-Charge. Note:- Filling of available excavated earth shall be done after properly segregating boulders and stones. Only available excavated Earth of approved specifications shall be used for backfilling. Additional efforts for segregating boulders, seiving or seperating earth from excavated earth shall be included in the item rate and no extra payment shall be done towards the same.	1383.00	Cum	150.00	207450.00	INR Two Lakh Seven Thousand Four Hundred & Fifty Only
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	461.00	Cum	4000.00	1844000.00	INR Eighteen Lakh Forty Four Thousand Only
5	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	467.00	Sqm	350.00	163450.00	INR One Lakh Sixty Three Thousand Four Hundred & Fifty Only
6	Centering and shuttering including strutting, propping etc. and removal of form for: Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	409.00	Sqm	350.00	143150.00	INR One Lakh Forty Three Thousand One Hundred & Fifty Only
7	Centering and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers	144.00	Sqm	350.00	50400.00	INR Fifty Thousand Four Hundred Only
8	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete for all level i.e up to and above plinth. Thermo-Mechanically Treated bars of grade Fe-500D or more.	10857.00	Kg	80.00	868560.00	INR Eight Lakh Sixty Eight Thousand Five Hundred & Sixty Only
9	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland / Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete, (Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level) : Concrete of M30 grade with minimum cement content of 350 kg /cum	185.00	Cum	6500.00	1202500.00	INR Twelve Lakh Two Thousand Five Hundred Only

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Mittal

Name of Work: Construction of Additional Surface CAR Parking and associated works at Dehradun Airport.

SCHEDULE-A

Contract No: 2023_AAI_154725_1

Name of the Bidder/ Bidding Firm / Company :	M/s Mittal Construction Co., Bathinda.					
Sl. No.	Item Description	Quantity	Units	BASIC RATE	TOTAL AMOUNT	TOTAL AMOUNT In Words
10	Add/Less for using extra/less cement in the items of design mix over and above the specified cement content therein.	315.00	Quintal	800.00	252000.00	INR Two Lakh Fifty Two Thousand Only
11	12 mm cement plaster of mix: 1:4 (1 cement: 4 coarse sand)	310.00	Sqm	250.00	77500.00	INR Seventy Seven Thousand Five Hundred Only
12	Finishing walls with textured exterior paint of required shade New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	310.00	Sqm	120.00	37200.00	INR Thirty Seven Thousand Two Hundred Only
13	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	227.00	Sqm	120.00	27240.00	INR Twenty Seven Thousand Two Hundred & Forty Only
14	Consolidation of sub grade with power road roller of 8 to 12 tonne capacity including making good the undulations etc. with available earth or quarry spoils etc. complete as per direction of Engineer-in-charge.	4290.00	Sqm	15.00	64350.00	INR Sixty Four Thousand Three Hundred & Fifty Only
15	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete.	687.00	Sqm	600.00	412200.00	INR Four Lakh Twelve Thousand Two Hundred Only
16	Providing and laying in position Polysulphide sealant of approved make conforming to BS-5212-1990 or IS:11433-1995 in dummy joints/contraction joint/ construction joint/ expansion joints including rounding off edges, applying 2 coats of approved primer compatible with the brand of Polysulphide and preparing the surface and applying masking tape along the edge of joint to prevent accidental spillage of sealant on top surface and to give neat finish to the sealant and removing the masking tape after application of sealant etc. complete as per direction of Engineer in-Charge & particular specifications. [Note: For purpose of payment, quantity (Length x Width x Depth) of Polysulphide sealant only will be measured.]	3759.00	per cm depth per cm width per metre length	15.00	56385.00	INR Fifty Six Thousand Three Hundred & Eighty Five Only
17	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand) including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	51.00	Cum	8000.00	408000.00	INR Four Lakh Eight Thousand Only
18	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material, by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.: With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30	614.00	Cum	1800.00	1105200.00	INR Eleven Lakh Five Thousand Two Hundred Only
19	Construction of dry lean cement concrete sub base over a prepared sub-grade with coarse and fine aggregate conforming to IS:383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per specifications, cement content not to be less than 150 Kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, for all leads & lifts, laid with a mechanical paver, compacting with 8-10 tonne vibratory roller, finishing and curing etc. complete as per direction of Engineer-in-charge.	39.00	Cum	4500.00	175500.00	INR One Lakh Seventy Five Thousand Five Hundred Only
20	Providing and laying factory made chamfered edge Cement Concrete paver blocks, in footpath, parks, lawns, drive ways or light traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in- Charge.: 80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	385.00	Sqm	800.00	308000.00	INR Three Lakh Eight Thousand Only

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10/10/2023

Name of Work: Construction of Additional Surface CAR Parking and associated works at Dehradun Airport.

Contract No: 2023_AAI_154725_1

SCHEDULE-A

Name of the Bidder/ Bidding Firm / Company		M/s Mittal Construction Co., Bathinda.						
Sl. No.	Item Description	Quantity	Units	BASIC RATE	TOTAL AMOUNT	TOTAL AMOUNT In Words		
21	Providing and laying design mix cement concrete of M-30 grade, in roads/ taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately). : Cement content considered in M-30 is @ 340 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately. Cement concrete manufactured in automatic batching plant (RMC plant) i/c transportation to site in transit mixer. (The rate shall include all lift and leads from manufacturing of cement concrete to laying site)	736.00	Cum	6000.00	4416000.00	INR Forty Four Lakh Sixteen Thousand Only		
22	Providing and laying polythene sheet 400 micron thick, anti-friction layer on the sub-base course complete as per specification with specified overlaps between adjacent strips and transverse joint etc, (only plan area is measured for payment) complete as per direction and satisfaction of Engineer-in-charge.	4095.00	Sqm	50.00	204750.00	INR Two Lakh Four Thousand Seven Hundred & Fifty Only		
23	Providing and laying in position for expansion joint, 25mm thick pre-cut Synthetic joint filler board of approved make conforming to IS:1838(part 3)-2011, 45 mm from top (to be removed at the time of filling of Polysulphide sealant), complete as per particular specifications and directions of Engineer-in-charge. (Note: Mode of measurement shall be length of joint multiplied by depth of filler board including precut portion.)	25.00	Sqm	500.00	12500.00	INR Twelve Thousand Five Hundred Only		
24	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 300 mm dia. R.C.C. pipe	78.00	Meter	1000.00	78000.00	INR Seventy Eight Thousand Only		
25	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil : Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	78.00	Meter	250.00	19500.00	INR Nineteen Thousand Five Hundred Only		
26	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of RCC/ S.W. pipes including bed concrete as per standard design : 300 mm diameter RCC/S.W. pipe	73.00	Meter	800.00	58400.00	INR Fifty Eight Thousand Four Hundred Only		
27	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design: 19.30.1 Inside dimensions 455x610 mm and 45 cm deep for single pipe line : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	7.00	Each	8000.00	56000.00	INR Fifty Six Thousand Only		
28	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	410.00	Metre	130.00	53300.00	INR Fifty Three Thousand Three Hundred Only		

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Handwritten signature

Name of Work: Construction of Additional Surface CAR Parking and associated works at Dehradun Airport.

SCHEDULE-A

Contract No: 2023_AAI_154725_1

Name of the Bidder/ Bidding Firm / Company :		M/s Mittal Construction Co., Bathinda.				
Sl. No.	Item Description	Quantity	Units	BASIC RATE	TOTAL AMOUNT	TOTAL AMOUNT In Words
29	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C	4.00	Point	2500.00	10000.00	INR Ten Thousand Only
30	Supply, installation, testing & commissioning of Surface Mounted Linear LED fitting made of Extruded Aluminium, LED Used shall be SMD type and fixture should have minimum system Lumens 3600. Life of fixture (Including Driver) : 50K Hrs. @ L70B50 Lumen maintenance, CCT 5700 - 6500 K, IP 20, Minimum Internal Surge Protection 3KV. The fixture design should comply with IS10322, EMC/EMI compliance maintaining driver leakage current as per as per IEC 60598, Make: Wipro LE10-491-XXX40DE or equivalent make & models from the approved list of makes.	11.00	Each	3500.00	38500.00	INR Thirty Eight Thousand Five Hundred Only
31	SITC of Exhaust Fan for Toilets 300 cfm. The fan motor shall be suitable for 230 ± 10% volts, 1 phase, 50hz AC and motor to be encased in sheet metal casing with fixing of G I Mounting frame with all connection arrangements with louvres and all accessories	3.00	Each	2500.00	7500.00	INR Seven Thousand Five Hundred Only
32	Supply and fixing of 8 Way SPN, sheet steel, Double door Distribution board, 240 V on surface/recess, complete with tinned copper busbar, neutral busbar, earth bar, DIN bar, interconnections, power coated including earthings etc. as required (But without MCB/RCCB/Isolator)	3.00	Each	960.00	2880.00	INR Two Thousand Eight Hundred & Eighty Only
33	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	6.00	Each	110.00	660.00	INR Six Hundred & Sixty Only
34	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 100 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40 A	3.00	Each	1350.00	4050.00	INR Four Thousand & Fifty Only
35	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required	2.00	Each	2450.00	4900.00	INR Four Thousand Nine Hundred Only
36	Providing & erecting 8 m high (clear height) galvanised OCTAGONAL pole with foundation bolts having bottom of 135 mm, top 70 mm on foundation with double arm suitable for mounting double street light Fixture including recessed weather proof terminal box with connectors for connection, 6 A SP MCB & including the civil cost of making foundation.	7.00	Each	13000.00	91000.00	INR Ninety One Thousand Only
37	Providing & erecting 4 m high (clear height) galvanised OCTAGONAL pole with foundation bolts having bottom of 135 mm, top 70 mm on foundation with double arm suitable for mounting double street light Fixture including recessed weather proof terminal box with connectors for connection, 6 A SP MCB & including the civil cost of making foundation.	20.00	Each	10000.00	200000.00	INR Two Lakh Only

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10/11/2023

Name of Work: Construction of Additional Surface CAR Parking and associated works at Dehradun Airport.

SCHEDULE-A

Contract No: 2023_AAI_154725_1

Sl. No.	Item Description	Quantity	Units	BASIC RATE	TOTAL AMOUNT	TOTAL AMOUNT In Words
38	Supply, installation, testing & commissioning of 150W LED Street Light Premium LED Street light with following specifications: High-brightness White LEDs sources with high transmittance tempered glass cover and LENS on each leds, min system lumen output of 15000 lms, 5700K colour temperature . Life of atleast 50,000 hours at 70% lumen maintenance. Min. 10KV surge protection. The fixture should be made of Pressure die-cast aluminum with engraved company name & should have IP66 Class I protection complete as required. Make: Wipro LR02-182-XXX-57-DEor equivalent make & models from the approved list.	14.00	Each	4600.00	64400.00	INR Sixty Four Thousand Four Hundred Only
39	Supply, installation, testing & commissioning of Decorative post-top luminaire with convex, translucent diffuser, Parabolic mast bracket, Post-top luminaire for post spigot Ø 76 mm, Mast mounting via two stainless steel fixing screws in accordance with EN 60598-2-3. Also suitable for mounting to masts with spigot Ø 60 mm via reduction pieces to be ordered separately. Optical system with Multi-Lens Technology. Luminaire optic consists of highly efficient, UV and temperature-resistant lens systems. With rotationally symmetrical wide angle light distribution. Optimised for horizontal positioning of luminaire body. Further beam characteristics are available for flexible adaptation to customer-specific lighting tasks. Retrofitting a rear shielding is possible. With 6 LED modules. LED module consisting of four LEDs including optical system. Luminaire luminous flux min 3800 lm, Light colour neutral white, colour temperature 4000 K. Luminaire body of die-cast aluminium. Colour anthracite, similar to DB 703. Inclination angle can be adjusted Adjustment is lockable in 10° steps between 0° and 90°. with convex, translucent diffuser. Safety class (EN 61140): II, protection rating (DIN EN 60529): IP66, impact resistance level in accordance with IEC 62262: IK08/5 J. Gear tray with all electrical components and LED modules mounted as upper luminaire enclosure. Removable after releasing four fixing screws of V2A. Connection module in post mounting element, freely accessible. With 4-pole terminal to 2.5 mm² and insulated terminal point for earth conductor. With cable strain relief system. Surge voltage resistance 6 kV. With electronic transformer, switchable. Configurable ballast with luminous flux stabilising (CLO). Connected load at the end of service life: With intelligent power reduction via integral evaluation electronics. Reduction of luminaire luminous flux to 50 % for a time period of 7 hours (-2 h/+5 h). The luminaire complies with fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. Make: Havells Endura spring 6PT 35W LED 757PSYMTOTG or equivalent make & models from the approved list.	20.00	Each	4900.00	98000.00	INR Ninety Eight Thousand Only
40	SITC of 4 core, 10Sq.mm aluminium conductor XLPE insulated and PVC sheathed armoured cable in hume pipe including necessary end terminations with brass compression gland,aluminium lugs and connection.	800.00	Meter	125.00	100000.00	INR One Lakh Only
41	Providing and laying 6 SWG dia G.I. wire on surface or in recess conduit/pipe for loop earthing including thimbles for connection as required.	1600.00	Meter	50.00	80000.00	INR Eighty Thousand Only
42.1	Providing and laying following dia HDPE hume pipe(heavy duty) in ground complete including jointing with couplers including trenching (75 cm deep) and refilling etc. as required. 100 mm dia HDPE hume pipe(heavy duty) PN6	60.00	Meter	350.00	21000.00	INR Twenty One Thousand Only
42.2	Providing and laying following dia HDPE hume pipe(heavy duty) in ground complete including jointing with couplers including trenching (75 cm deep) and refilling etc. as required. 150 mm dia HDPE hume pipe(heavy duty) PN6	60.00	Meter	500.00	30000.00	INR Thirty Thousand Only
43	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to ISI 14930, Part II complete with fitting and cutting, jointing etc, direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc, complete as required. 63 mm dia (OD-63 mm & ID-50 mm nominal)	820.00	Meter	350.00	287000.00	INR Two Lakh Eighty Seven Thousand Only

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Name of Work: Construction of Additional Surface CAR Parking and associated works at Dehradun Airport.

SCHEDULE-A

Contract No: 2023_AAI_154725_1

Name of the Bidder/ Bidding Firm / Company :		M/s Mittal Construction Co., Bathinda.				
Sl. No.	Item Description	Quantity	Units	BASIC RATE	TOTAL AMOUNT	TOTAL AMOUNT In Words
44	Supply & making of cable chambers of 1mtr. X 1mtr. X 1mtr. inner Size including excavation,concrete base, brick work, internal plaster with neat cement finish & cast iron cover.	4.00	Each	1000.00	4000.00	INR Four Thousand Only
45	SITC of Outdoor Dome Cameras - IP Day/night Colour Mega Pixel camera along with integrated mounts having following specifications (a) Image Sensor - 1/3" or better – CMOS (b) Resolution - 1920 x 1080 Full HD at 25/30 FPS or better (c.) Lens: OEM Varifocal motorised Lens, auto iris, f ~ 10 mm to 40 mm or better (d) Video Stream - Dual H.264 or Better video stream – both the streams individually configurable for different resolution & FPS up to the maximum. (e.) Min. Illumination - B/W: 0.1 Lux @ 30IRE or better; Colour: 0.6 Lux @30IRE or better; (f) IR Illumination - at 0.0 lux - IR with 30m, intensity adjustable; (g) Auto -Focus, Electronic shutter, Iris control & white balance; (h) Wide Dynamic Range (WDR): 100 dB or better; (i) S/N Ratio >= 50 dB (j) IP 66 rated, Vandal proof enclosure; Mounting Type - False Ceiling/Surface/Recessed with necessary mounting support / brackets and fixing accessories. CCTV camera should be ONVIF compatible for integration with existing Honeywell make Video recording servers	12.00	Each	15000.00	180000.00	INR One Lakh Eighty Thousand Only
46	SITC of Outdoor PTZ IP Cameras, along with integrated mounts having following specifications (a) Image Sensor - 1/2.8" or better – CMOS (b) Resolution - 1920 x 1080 Full HD at 25/30 FPS or better (c.) Optical Zoom – 30x or better (d) Lens: auto iris, 4.3 mm to 129 mm or better (e.) Video Stream - Dual H.264 or Better video stream – both the streams individually configurable for different resolution & FPS up to the maximum. (f) Min. Illumination - B/W: 0.1 Lux @ 30IRE or better; Colour: 0.6 Lux @30IRE or better; (g) Day/Night operation with IR cut filter; (h) Night vision - at 0.0 lux - IR with 250m, intensity adjustable (i) Privacy masking zones – 4 or better (j) Presets – 250 or more pre-defined positions; (k) Privacy masking zones – 4 or better; (l) PTZ functions - Pan - 360o continues; Tilt - 0-90o auto flip; (m) Manual tilt speed - 0.5°/Sec to 90°/Sec; Manual Pan speed - 0.5°/Sec to 90°/Sec; (n) Preset tilt speed - 0.5°/Sec to 90°/Sec; Preset Pan speed - 0.5°/Sec to 300°/Sec (o) Auto -Focus, Electronic shutter, Iris control & white balance; (p) Wide Dynamic Range (WDR): 100 dB or better (q) S/N Ratio >= 50 dB (r.) Auxiliary inputs & Outputs – minimum of 1 alarm input & 1 relay output; (s) Termination Box, Integrated RJ 45 and power connector should be provided with each Camera. (t) IP 65 Weather proof enclosure, built in heater and shall be of same make as of camera. Mounting Type - False Ceiling recessed/Pendant type with necessary mounting support /brackets and fixing accessories. CCTV camera should be ONVIF compatible for integration with existing Honeywell make Video recording servers	1.00	each	65000.00	65000.00	INR Sixty Five Thousand Only

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Name of Work: Construction of Additional Surface CAR Parking and associated works at Dehradun Airport.

SCHEDULE-A

Contract No: 2023_AAI_154725_1

Name of the Bidder/ Bidding Firm / Company :		M/s Mittal Construction Co., Bathinda.				
Sl. No.	Item Description	Quantity	Units	BASIC RATE	TOTAL AMOUNT	TOTAL AMOUNT In Words
47	SITCof 24 Port Access Switch PoE,As Per following technical Specification (a) Switch should be 1RU with minimum 24 nos. 10/100/1000 Base-T ports with PoE+ capability and minimum 370W of PoE Power and additional 2 nos. SFP+ uplinks ports with 10G SFP. (b) Switch should have minimum 48 Gbps of stacking bandwidth with dedicated stacking ports and cables with minimum 8 switch in stack from day one. (c.) Switch should support external/internal power supply. (d) Switch shall have minimum 88 Gbps of switching fabric and 65 Mpps of forwarding rate. (e.) Shall have minimum 12 K MAC Addresses and 250 active Vlans. (f) Should support IEEE Standards of Ethernet: IEEE 802.1D, 802.1s, 802.1w, 802.1x, 802.3ad, 802.3x, 802.1p, 802.1Q, 802.3, 802.3u, 802.3ab, 802.3z. (g) Shall have 802.1p class of service, marking, classification, policing and shaping. Should support strict priority queuing. (h) Switch should support management features like SSHv2, SNMPv2c, SNMPv3, NTP, RADIUS and TACACS+. (i) Switch should support port security, DHCP snooping, Dynamic ARP inspection, IP Source guard, BPDU Guard, Spanning tree root guard. (j) Switch should support IPv6 Binding Integrity Guard, IPv6 Snooping, IPv6 RA Guard, IPv6 DHCP Guard, IPv6 Neighbor Discovery Inspection and IPv6 Source Guard. (k) Should support 802.1x authentication and accounting, IPv4 and IPv6 ACLs and Dynamic VLAN assignment. (l) Switch shall support application visibility and traffic monitoring with minimum 12 K netFlow/sflow/jflow entries. (m) Switch shall conform to UL 60950 or IEC 60950 or CSA 60950 or EN 60950 Standards for Safety requirements of Information Technology Equipment. (n) Switch shall conform to EN 55022 Class A/B or CISPR22 Class A/B or CE Class A/B or FCC Class A/B Standards for EMC (Electro Magnetic Compatibility) requirements. (o) Switch / Switch's Operating System should be tested and certified for EAL 2/NDPP or above under Common Criteria Certification. (p) Switch should be IPv6 Certified/IPv6 logo ready.	1.00	Each	150000.00	150000.00	INR One Lakh Fifty Thousand Only
48	SITC of 9U outdoor IT rack as per following description: Enclosure of size 09U x 600W x 500D with rain canopy, Air Filter, Air Filter Hood, AC Axial Fan - 230V AC - 90 CFM - Assembly (Set of 2 Fan), Power Distribution Unit - 06/16 Amp Indian-Standard - 06 Socket - Single Pole / Screw Mountable / 16 Amp MCB / Alternating Current - 16 Amp 3 Pin Plug with Power Cable 2.5 sq.mm 3 meter Length - Black Fine Tex. - Assembly, Mounting Hardware etc. 1) All Round welded construction with trough design, 2) Front Hinged Single Door with 130 degree opening with concealed hinges. 3) Top with Rain Canopy Provision, Bottom flush type gland plate 4) PU Foam Gasketing. 5) 04 number 19" recess angle, 6) Finish RAL 7035 Str.	1.00	Each	35000.00	35000.00	INR Thirty Five Thousand Only
49	SITC of Category 6A 4 pair STP, OSP Cable to be laid in existing underground HDPE/DWC pipe/ Surface complete as required	915.00	Meter	55.00	50325.00	INR Fifty Thousand Three Hundred & Twenty Five Only
50	SITC of 12 Core Armoured LSZH Optical Fiber Cable, SMF, Central loose Tube OSP-Outdoor Type, rodent resistant in existing underground HDPE/DWC pipe	150.00	Meter	50.00	7500.00	INR Seven Thousand Five Hundred Only
51	SITC of Category 6A 24 Port Loaded Patch Panel	1.00	Each	4000.00	4000.00	INR Four Thousand Only
52	SITC of Category 6A UTP Patch Cord 1 Meter	13.00	Each	700.00	9100.00	INR Nine Thousand One Hundred Only
53	SITC of 48 LC Fiber Patch Panel Loaded with Splicing tray, Fibre adaptor plate with adapters and pigtails	1.00	Each	20000.00	20000.00	INR Twenty Thousand Only
54	SITC of LC to LC Fiber Patch Cord Singlemode 3 Meter	2.00	Each	1500.00	3000.00	INR Three Thousand Only

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Name of Work: Construction of Additional Surface CAR Parking and associated works at Dehradun Airport.

SCHEDULE-A

Contract No: 2023_AAI_154725_1

Name of the Bidder/ Bidding Firm / Company :	M/s Mittal Construction Co., Bathinda.					
Sl. No.	Item Description	Quantity	Units	BASIC RATE	TOTAL AMOUNT	TOTAL AMOUNT In Words
55	Providing and fixing of 4 mtr GI tubular pole 80 mm dia made from heavy duty GI pipe as per IS 1239 complete with 12mm thick base plate 300x300 mm anchor bolts, GI mounting clamps, fabricated holes on poles with all fixing arrangements and making RCC foundation.	19.00	Each	10000.00	190000.00	INR One Lakh Ninety Thousand Only
56	SITC of 15W Horn Speaker with high efficiency ABS horn loudspeaker with weather protection IP65 with the maximum SPL of 112 dB and with sensitivity of 100dB - complete as per specifications & preferred make. The cost shall include all required mounting brackets and other installation accessories to the approval of architect. EN 54 Certified	6.00	Each	6000.00	36000.00	INR Thirty Six Thousand Only
57	Supply, laying & testing of 2c x 1.5 sq.mm fire survival armoured cable (600/1000V) with class-2 Copper conductor having halogen free ceramified silicon insulation and low smoke zero halogen (LSZH) inner & outer sheath. The cable Outer sheath should be in red colour with Anti-rodent & LSZH properties including end terminators, saddles, clamps with screws etc for fixing on wall/ceiling or on cable trays complete as required.	440.00	Meter	100.00	44000.00	INR Forty Four Thousand Only
58	Configuration and Integration of all CCTV and car call system installed under the scope of this work with existing centralised Honeywell make CCTV & PA system installed in Terminal building as per the existing practice, functionality & procedure available in the existing centralised system. The contractor should make himself well versed with the existing centralised system beforehand and follow the same principles. The entire integration will be carried out through OEM by the contractor to ensure healthiness of operational system as the airport is already in operation.	1.00	Job	100000.00	100000.00	INR One Lakh Only
Total in Figures					15414900.00	INR One Crore Fifty Four Lakh Fourteen Thousand Nine Hundred Only
Quoted Rate in Words	INR One Crore Fifty Four Lakh Fourteen Thousand Nine Hundred Only					

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 04/07/2023

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 08/08