



भारतीय विमानपतन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
शिमला हवाई अड्डा, शिमला (हि. प्र.)
SHIMLA AIRPORT, SHIMLA (H.P.)



पत्र संख्या : भा:- AAI/SML/E-E/AMC(2020-22)/W.O./20-21/D04 689-696 दिनांक: 10.09.2020

Work Order / कार्य आदेश

सेवा में,

To,

मेसर्स बी ए जी इंटरप्राइजेज

M/s BAG Enterprises.

ग्राम वुयान, तहसील पंपोर,

Vill Wuyan, Tehsil Pampore,

जिला पुलवामा, जम्मू और कश्मीर-१९११०२

District Pulwama, Jammu & Kashmir-191102

विषय : " शिमला हवाई अड्डे पर इलेक्ट्रिकल और मैकेनिकल प्रतिष्ठानों का वार्षिक संचालन और रखरखाव नौकरी सेवा अनुबंध। (वर्ष 2020-22 के लिए) "

Subject: "Annual Operation & Maintenance job service contract of Electrical and Mechanical installations at Shimla Airport. (For Year 2020-22)"

संदर्भ : Tender No :- AAI_SML_2020-21/02

Dated 11.07.2020

महोदय/Dear Sir,

- उपरोक्त कार्य हेतु आपका ई-टेन्डर आपके द्वारा बताये गए मद मूल्यों पर कुल राशि रु० 44,90,186.00/- (रु. चवालीस लाख नब्बे हजार एक सौ छियासी) है (Including GST) जो कि न्यायोचित लागत रु. 54,18,705.00/- (Including GST) जो टेन्डर में दी गयी है से -17.14 % नीचे है, अध्यक्ष भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है।

Your e-Tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the items rates totaling to Rs. 44,90,186.00/- (Rs. Forty Four Lakh Ninety Thousand One Hundred Eighty Six Only), (Including GST) which is -17.14 % below the justified cost put to the tender of Rs. 54,18,705.00/- (Including GST)

- व०प्रबन्धक(ई.-विद्युत्), O/o विमानपत्तन निदेशक, एयरपोर्ट अथॉरिटी ऑफ इंडिया., जुब्बड़हट्टी एयरपोर्ट, शिमला-171011 इस कार्य के प्रभारी अभियंता होंगे।

SM (Engg-Elect), O/o Airport Director, Airports Authority of India, Jubberhatti Airport, Shimla -171011 will be Engineer-in-Charge of the work.

- आपसे निवेदन है कि आप केंद्रीय एवं राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन) तथा केंद्र एवं राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन करें।

You are requested to comply with the Provisions of Contract Labor (Regulation & Abolition) Act of 1970 and Contract Labor (Regulation & Abolition) Central Rules 1971 and Minimum Wages Act & Rules there of Central and State Governments.

Cont...2/-

शिमला विमानक्षेत्र :- 171011 दूरभाष क्र. :- 0177-2736835 फ़ैक्स :- 0177-2736673

Shimla Airport :- 171011 Tel. :- 0177-2736835 Fax: - 0177-2736673

Signature
10/09/2020
SM(E-E)



भारतीय विमानपतन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
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SHIMLA AIRPORT, SHIMLA (H.P.)



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4. आपको निर्देश दिया जाता है कि आप व० प्रबंधक (इंजी-विद्युत्), शिमला विमानक्षेत्र से मिलें और वह साइट सौंपने की व्यवस्था करेंगे। कृपया नोट करें कि कार्य का निर्धारित समय चौबीस महिना है, जो कि दिनांक 01/10/2020 से गिना जाएगा।

You are directed to contact Sr. Manager (E-E), Shimla Airport who will arrange to Handover the site to you. Please note the time allowed for carrying out the work is 24 Month which shall be reckoned from 01/10/2020

5. इस कार्य के सम्बन्ध में आगे का कोई भी पत्राचार व० प्रबन्धक(ई.-विद्युत्), O/o विमानपत्तन निदेशक, एयरपोर्ट अथॉरिटी ऑफ इंडिया., जुब्बड़हट्टी एयरपोर्ट, शिमला-171011 के पते पर किया जाए।

Any further correspondence in connection with this work should normally be Addressed to SM (E-E), O/o Airport Director, Airports Authority of India, Jubberhatti Airport, Shimla-171011.

6. आपको तिमाही भुगतान की अनुमति दी जाएगी। किए गये कार्य के कुल मूल्य का दस प्रतिशत बिल से सुरक्षा भुगतान के रूप में काट लिया जायेगा। सरकार के दिशा निर्देशों के अनुसार कोई अन्य कटौतियां (यदि हो तो) की जाएगी।

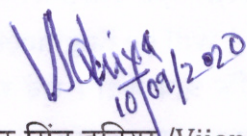
You will be allowed Quarterly payments. Ten percent of total value of work done shall be deducted as security deposit from the bill. Any other deductions (if any) as per govt. guidelines will be done.

7. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।

All The letters referred above shall form part of contract.

8. कृपया पावती भेजें।

Please acknowledge the receipt.


(विजेन्द्र सिंह दहिया)/Vijender Singh Dahiya
व०प्रबंधक (ईजी - विद्युत्) /Sr Manager (E-E)
शिमला विमान क्षेत्र / Shimla Airport.

संलग्न : शेड्यूल आफ क्वांटिटी

Enclosed: Schedule of Quantity

Cont...3/-

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Shimla Airport :- 171011 Tel. :- 0177-2736835 Fax: - 0177-2736673

SCHEDULE OF QUANTITY

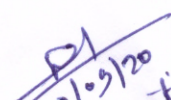
Name of Work : Annual Operation & Maintenance job service contract of electrical and mechanical installations at Shimla Airport (2020-22)

Sl. No.	Item Description	Units	Quantity	Rate (i/c GST)	Amount
1	2	3	4	5	6
1	SH - I : OPERATION AND MAINTENANCE (MANPOWER) Periodical maintenance and operation of electrical and mechanical installations involving repairs and maintenance ,attending to complaints /faults/breakdowns and taking rectification action ensuring serviceability /satisfactory working condition of the systems i/c preventive maintenance of all electrical installations like DG sets, HT panels, Transformer, LT panels, OCB, installed at power house, pump sets I/c GLF system ,perimeter /street lighting and internal and external electrification etc. with making proper records/documentation etc. as per the detailed specification, terms and conditions covered under this contract on all days including Sundays and holidays on 3 (Three) shift basis and also as and when required basis etc. as required. a) Electrician -01 No. (Skilled) in each shift b) Khallasi - -01 No. (1 no semi skilled and 02 nos Unskilled) in each shift c) Computer Operator - 01 No (Skilled) in general Shift	Months	24.00	161999.00	3887976.00
2	Provision of additional hour required for operations due to delay in flight, emergency, major maintenance works. Beyond the scope of item no. 1 on daily basis (a) Skilled	Hrs	50.00	100.00	5000.00
3	Provision of additional hour required for operations due to delay in flight, emergency, major maintenance works. Beyond the scope of item no. 1 on daily basis (b) Semi-Skilled	Hrs	50.00	80.00	4000.00
4	Provision of additional hour required for operations due to delay in flight, emergency, major maintenance works. Beyond the scope of item no. 1 on daily basis (c) Un-skilled	Hrs	50.00	80.00	4000.00
5	SH - I : OPERATION AND MAINTENANCE [JOB WORK- PART-II (HT AND LT PANEL, TRANSFORMER, CCR)] Repairing, overhauling of 400/600Amp 11 KV oil circuit breaker (3 Nos.) of ALSTOM make, cleaning of arch chamber, polishing contacts, springs & other mechanical parts etc carrying of the following tests & preventive maintenance alongwith of the test reports etc complete as required up to satisfaction of Engineer-In-Charge. (a) General inspection (b) Wiring check including control circuit and indications (c) IR test between poles, between pole to earth between male and female contacts (d) Continuity of power contacts. (e) Continuity of auxiliary contacts (f) Resistance measurement of tripping coil (g) Closing, tripping and inter- locking testing (h) Tripping through relay operation	Job	2.00	1000.00	2000.00
6	Inspection, servicing, setting, calibration and testing of IDMT relays for 11 KV panel (set of 3 over current plus 1 earth fault) I/c carrying out the following and submitting test reports. (a) General inspection (b) Wiring check (c) IR value test (d) Continuity of plug shifting taps and plug bridge shorting contacts (e) Secondary injection test including pick up current of IDMT element etc.	Set	2.00	1000.00	2000.00
7	Inspection, servicing , setting, calibration and testing of auxiliary and tripping relays (Type-VAA/VAX/VAJH) including carrying out the following and submitting test reports (a) General inspection (b) Wiring check (c) IR value test (d) Tripping check	Job	2.00	1000.00	2000.00
8	Inspection, Testing & preventive maintenance of CTs in 11 KV panel (set of 3 CTs - RYB) including carrying out the following and submitting test reports (a) General inspection (b) IR value test - primary to secondary, primary to earth, secondary to earth (c) Polarity test (d) Ratio test by primary injection (e) Secondary circuit wiring check (f) Knee point voltage measurement	Set	2.00	1000.00	2000.00
9	Inspection, Testing & preventive maintenance of Voltage transformer including carrying out the following and submitting test reports. (a) General inspection (b) IR value test - primary to secondary, primary to earth, secondary to earth (c) Polarity test (d) Ratio test by primary injection (e) Secondary circuit wiring check	Set	2.00	1000.00	2000.00

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10	Inspection, servicing & testing of 250 KVA distribution transformer 11KV/433V including carrying out the following and submitting test reports. (a) General inspection (b) IR value test - primary to secondary + earth, Secondary to primary+earth, Primary to secondary. (c) Voltage ratio check at all tap position (d) Magnetising current measurement (e) Magnetic balance test at top tap position (f) Vector group test (g) Bucholtz relay operation - Alarm & trip (h) OTI operation - Alarm & trip (i) WTI operation - Alarm & trip (j) Tap changer operation check (j) Cleaning of transformer and topping the tested transformer oil (oil will be supplied by AAI) (k) Replacement of silica gel	Job	4.00	1200.00	4800.00
11	Dehydration and filtration of transformer oil at site includnig testing the BDV and acidity before and after testing and submission of test reports etc. as required for following Transformers. (i) 250 KVA Transformer (App. 240 Ltr.)	Job	4.00	2000.00	8000.00
12	Supply of Transformer oil of specified break down strength and grade etc as required.	Ltr	100.00	100.00	10000.00
13	Inspection, servicing & testing of 630 Amp LT circuit breakers including carrying out the following test and preventive mainteannce alongwith submission of the test reports (a) General inspection (b) Wiring cheking including control and indications (c) IR test between poles, between pole to earth between male and female contacts (d) Continuity of power contacts. (e) Continuity of auxiliary contacts (f) Resistance measurement of tripping coil (g) Closing, tripping and inter- locking testing (h) Tripping through relay operation (i) Secondary injection test of In-bult thermal and magnetic release and calibration of the same	Job	6.00	1000.00	6000.00
14	Calibration of CCR & sensitivity of relay on 4KW to 30 KW CCR of Youyang make including complete check and submitting reports etc, as required.	Job	4.00	1100.00	4400.00
15	SH - I : OPERATION AND MAINTENANCE [JOB WORK- PART-III (AC, Water Cooler)] Annual Comprehensive Maintenance of following Air-conditioner i/c providing and fixing all necessary consumable and spares i/c replacing of faulty compressor, periodical preventive maintenance etc. as per maintenance schedule for below mentioned period as per special condition of contract. a) Split Type, 1.5 - 2.0 TR, Single Phase (17 Nos x 24 Months = 408 Nos)	Each	408.00	100.00	40800.00
16	Annual Comprehensive Maintenance of following Air-conditioner i/c providing and fixing all necessary consumable and spares i/c replacing of faulty compressor, periodical preventive maintenance etc. as per maintenance schedule for below mentioned period as per special condition of contract. b) Tower Type, 2.5 TR, Three Phase (02 Nos x 24 Months = 48Nos)	Each	48.00	150.00	7200.00
17	Annual comprehensive maintenance of water cooler of capacity 40/80 Ltr/Hr i/c providing and fixing all necessary consumable and spares i/c replacing of faulty compressor, periodical preventive maintenance etc. as per maintenance schedule for below mentioned period as per special condition of contract. a) [5 Nos x 24 Month] = 120 Nos	Each	120.00	100.00	12000.00
18	Annual Comprehensive Maintenance of water purifier of following capacity for one year i/c providing and fixing all necessary consumable and spares i/c periodical preventive maintenance etc. as per maintenance schedule for below mentioned period as per special condition of contract. a) [05 Nos x 24 Month = 120 Nos]	Each	120.00	105.00	12600.00
19	Dismantling of following Capacity Split type Air Conditioner from different locations in Airport etc. as required. (Job includes dismatling the indoor, outdoor unit, piping etc. safely and handed over to Site-In-Charge) [Vehicle will be provided by AAI for Transporting the units up to Store] a) 1.5 - 2.5 TR, Single Phase	Job	1.00	200.00	200.00
20	Installation of following Capacity Split type Air Conditioner in different locations of Airport etc. as required. (Job includes Installating the indoor, outdoor unit, copper piping maximum up to 15 feet , gas topup etc.) [Vehicle will be provided by AAI for Transporting the units upto installing location] a) 1.5 - 2.5 TR, Single Phase	Job	1.00	500.00	500.00


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 SM(E-E)

21	SH - I : OPERATION AND MAINTENANCE [JOB WORK- PART-IV (FIRE ALARM SYSTEM) "Comprehensive maintenance(Once in 02 months) contract of fire alarm & detection system at Airport terminal building for periodical inspection and routine maintenance of the system (job includes carrying out Quarterly service visit and submit the inspection report also attending break down calls, checking & replacing defective smoke and multi detector, response indicator, manual call point, hooters, panel components, wiring etc. as per site requirement. Details of installed equipment / Elements are a) analogue addressable type Photoelectric Smoke Detector - 93 Nos b) resettable analogue addressable manual call point - 08 Nos c) analogue addressable Fire alarm control panel with auto dailer & battery backup - 01 No d) Hooter/sounder - 09 Nos e) Response Indicator- 41 Nos f) multidetector-14 Nos "	Job	1.00	18000.00	18000.00
22	"Comprehensive maintenance(Once in 02 months) contract of fire alarm & detection system at NAVAIDS for periodical inspection and routine maintenance of the system (job includes carrying out quarterly service visit and submit the inspection report also attending break down calls, checking & replacing defective detector, hooters, panel components, Details of installed equipment / Elements are a) analogue addressable type Photoelectric Smoke Detector -10 Nos b) 10 zone fire alarm control panel complete with battery backup - 01 Nos c) Hooter/sounder-2 Nos d) resettable analogue addressable manual call point -02 Nos"	Job	12.00	2000.00	24000.00
23	SH -II (PAINTING, REPAIRING & REWINDING WORKS) Rewinding of the following with copper wire of required size i/c to and fro transportation etc. complete as required. (Dismantle Material belongs to contractor). a) Ceiling Fan / Wall Fan	Job	10.00	100.00	1000.00
24	Rewinding of the following with copper wire of required size i/c to and fro transportation etc. complete as required. (Dismantle Material belongs to contractor). b) Exhaust Fan / Air Circulators	Job	15.00	150.00	2250.00
25	Repairing and Overhauling of 3-5 HP pump motor sets (job i/c supply and replacing defective bearing/ bushing / gland dori, alignment the shaft complete etc. as required i/c transportation from site to contractor's workshop & back to site. (Dismantle Material belongs to contractor).	Job	2.00	500.00	1000.00
26	Supply & replacing the defective bearing / bush set for the following i/c to and fro transportation etc. complete as required. (a) Ceiling Fan / Wall Fan	Job	10.00	100.00	1000.00
27	Supply & replacing the defective bearing / bush set for the following i/c to and fro transportation etc. complete as required. (b) Exhaust Fan/Air Circulators	Job	15.00	100.00	1500.00
28	Supply & replacing the Heater Rod/ Coil, Heat Proof Wire with sleeve of different make Room Heaters i/c to and fro transportation etc. complete as required.	Job	30.00	100.00	3000.00
29	Painting of following poles in 2 coats by using Aluminium paint of approved make including pole boxes, cleaning of surface etc., as required including rewriting the identification Serial Number. (a) Street Light Pole of length not exceeding 5 Mtr.	Job	16.00	500.00	8000.00
30	Painting of GLF fitting including base plate in installation position with two coats of synthetic enamel paint of yellow colour of approved make to given an even shade including, cleaning the surface with detergent, etc. removing old paints etc. as required. (a) HIRL/MIRL fittings.	Nos	134.00	200.00	26800.00
31	Painting of GLF fitting including base plate in installation position with two coats of synthetic enamel paint of yellow colour of approved make to given an even shade including, cleaning the surface with detergent, etc. removing old paints etc. as required. (b) Painting of PAPI Units.	Nos	8.00	200.00	1600.00
32	Spary painting of sheet metal enclosures of electrical equipments such as feeder pillars, distribution boards, electrical panel, frame etc. including cleaning the surface and two coats of grey or any other colour of approved make including rewriting the identification the circuit, Protecting and covering the electrical accessories during painting and removing after work is over etc., as required.	Sqm	75.00	20.00	1500.00
33	Excavation the ground for locating the fault removing the cable from the trench, detecting the fault, relaying the cable and making the ground as per original. a) Upto 25 Sq.mm (LT Cable)	Mtr	100.00	30.00	3000.00
34	Excavation the ground for locating the fault removing the cable from the trench, detecting the fault, relaying the cable and making the ground as per original. b) Above 25 Sq.mm and upto 120 Sq.mm Cable (LT Cable)	Mtr	50.00	40.00	2000.00
35	Excavation the ground for locating the fault removing the cable from the trench, detecting the fault, relaying the cable and making the ground as per original. c) Upto 25 Sq.mm HT Cable	Mtr	50.00	70.00	3500.00
36	SH- III SUPPLY OF MATERIALS - SPARES [GENERAL ITEMS] Supply of copper wound ballast 250 W HPSV/MH VPIT mercury type	Each	6.00	600.00	3600.00
37	Supply of copper wound Ballast 40 Watt HPSV/MH	Each	10.00	500.00	5000.00

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38	Supply of 250W lamp HPSV/MH SON	Each	14.00	900.00	12600.00
39	Supply of Starter 40W (make havells or equivalent)	Each	24.00	10.00	240.00
40	Supply of Cordless bell with remote suitable for 230V, 50 Hz single phase AC supply equivalent to Anchor 22740	Each	2.00	300.00	600.00
41	Supply of PVC Blanking Plate for MCB DB	Each	40.00	10.00	400.00
42	Supply of PVC Canopy for Ceiling Fans	Each	10.00	10.00	100.00
43	Supply of following type Plastic Capacitors with wire terminals for fans and motor run suitable for 230V/415V, 50 Hz AC supply. Capacitor 2.25 MFD, 230V, Wire Terminal	Each	2.00	10.00	20.00
44	Capacitor 15 MFD	Each	5.00	8.00	40.00
45	PVC Casing capping of size 20*12mm [ISI Marked] (Precision or equivalent)	Mtr	50.00	30.00	1500.00
46	PVC Casing capping of size 25*12mm [ISI Marked] (Precision or equivalent)	Mtr	80.00	35.00	2800.00
47	PVC Casing capping of size 2 Inch Box Type 50x50mm [ISI Marked] (Precision or equivalent)	Mtr	30.00	60.00	1800.00
48	PVC channel Cable duct 75mmx 50mm [ISI Marked] (Precision or equivalent)	Mtr	30.00	40.00	1200.00
49	Supply of Wall Mounting Fan, 400 mm sweep (Model : Havells Platina or Equivalent]	Each	5.00	1800.00	9000.00
50	Supply of Padestal Fan, 400 mm sweep (Model : Havells Sprint HS or equivalent)	Each	5.00	2200.00	11000.00
51	Supply of Exhaust fan Blade Sweep 300MM, 1400RPM, Robust metal body with front protection guard. (Model : Havells Turbo Force SP or equivalent	Each	5.00	1500.00	7500.00
52	Supply of heat Piller heater 1500 W	Each	10.00	2500.00	25000.00
53	Supply of Heater Rod up to 2 feet length	Each	40.00	120.00	4800.00
54	Supply of Ignitor for HPSV lamp 70/250/400 Watt sodium vapour or metal halide lamp suitable for operation of 250V 50Hz AC supply.	Each	12.00	50.00	600.00
55	Supply of Pilot Lamp with Integral circuit LED [indicator R,Y,B]	Each	30.00	60.00	1800.00
56	Supply of integrated LED Pilot Lamp [indicator R,Y,B]	Each	20.00	60.00	1200.00
57	Supply of following type of LED luminaire having required power consumption and required lumen output as per manufacturers technical specification approved Supply of 2 X 2 size LED luminaire of 43 W (model-BCTBLS 43W ZT WH) or Equivalent as approved by Engineer in charge	Each	2.00	1500.00	3000.00
58	Supply of LED T8 Tubelight of 18 W (model-BLRB 18W CWC WH) or Equivalent as approved by Engineer in charge	Each	5.00	300.00	1500.00
59	Supply of LED luminaire of size 1X1 18W Tubelight of 18 W (model-BCTBLS 18 WH) or Equivalent as approved by Engineer in charge	Each	3.00	800.00	2400.00
60	Supply of LED luminaire of 2' X 2' size of 36 W (model -BCTBLS 36 ZT WH) or Equivalent as approved by Engineer in charge	Each	2.00	1500.00	3000.00
61	Supply of LED Downlightner of 15W (Make Bajaj, BZSLO 15W DOVEE PRO) or Equivalent as approved by Engineer in charge	Each	4.00	900.00	3600.00
62	Supply of LED luminaire of 1' X 1' size of 15 W Downlight (model-EDGEPROSODLR15WLED857S) or Equivalent as approved by Engineer in charge	Each	4.00	1000.00	4000.00
63	Supply of LED luminaire of type post top lantern (make-RUBYPT25WLED757PSYMTOPC 9405) or Equivalent as approved by Engineer in charge	Each	2.00	2000.00	4000.00
64	Supply of AC MCB/ Isolator/ RCCB having fixed time/curent characteristics for use in protection of industrial, commercial and domestic electrical installations suitable for use on 240 V / 415 V 50 Hz AC supply having facility for termination of almunium cable and fixing arrangements on steel mounting rail conforming to IS : 8828 / 78 with amendment no 1 x and mounting rail to IS : 11039/83 tide top hat section rail TH 35-7-5 of following rating : 6-32A SP MCB, C series	Each	10.00	150.00	1500.00
65	63A SPN MCB, C Series	Each	2.00	300.00	600.00
66	6-32 A MCB SPN, C series	Each	3.00	200.00	600.00
67	MCB TPN 63A, C series	Each	3.00	500.00	1500.00
68	100 A TPN Isolator	Each	3.00	800.00	2400.00
69	40A RCCB, 300mA Sensitivity, DP	Each	3.00	1200.00	3600.00
70	63A RCCB, 300mA Sensitivity, DP	Each	3.00	1800.00	5400.00
71	40A RCCB, 300mA Sensitivity, FP	Each	2.00	2000.00	4000.00
72	63A RCCB, 300mA Sensitivity, FP	Each	2.00	2100.00	4200.00
73	PVC Pipe 20 mm [ISI Marked] (Make Precision or equivalent)	Mtr	50.00	30.00	1500.00

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74	PVC Pipe 25 mm [ISI Marked] (Make Precision or equivalent)	Mtr	50.00	40.00	2000.00
75	PVC Pipe 32 mm [ISI Marked] (Make Precision or equivalent)	Mtr	30.00	50.00	1500.00
76	PVC Pipe Flexible 25 mm dia ISI Marked	Mtr	30.00	60.00	1800.00
77	Supply of 3 pin top 5/6 Amp, 240 volt, AC Supply. (Make : Anchor Code no. 39571/51348 or equivalent)	Each	15.00	50.00	750.00
78	Supply of 3 pin Top 15/16 Amp, 240 volt, AC Supply. (Make : Anchor Code no. 39582/51395 or equivalent)	Each	15.00	70.00	1050.00
79	Supply of 6A Switch (Colour White) equivalent to Make Anchor Code no. 38014 or equivalent)	Each	30.00	20.00	600.00
80	Supply of 16A Switch (Colour White) equivalent to Make Anchor Code no. 38014 or equivalent)	Each	30.00	22.00	660.00
81	Supply of 6A, 2 in 1 Socket as per IS 3854/88, 240V-50Hz AC supply equivalent to Anchor Penta Deluxe-14304.	Each	20.00	15.00	300.00
82	Supply of 20A & 10A, Universal Socket as per IS 3854/88, 240V-50Hz AC supply equivalent to Anchor Penta Deluxe-14307.	Each	20.00	30.00	600.00
83	Power Strip with 4 universal socket with shutter & individual switch and indicator (Make Anchor Code 22568)	Each	2.00	100.00	200.00
84	Supply of following size of copper conductor PVC insulated flexible, heat resistant flame retardant grade wires suitable for domestic and industrial purpose. Conforming to IS:694 3 core 1.5 sqmm FRLS round Copper Conductor wire (Roll of 100mtr)	Each	1.00	2000.00	2000.00
85	1 core 6.0 sqmm FRLS round Copper Conductor wire (Roll of 100mtr)	Each	1.00	3000.00	3000.00
86	SH- III SUPPLY OF MATERIALS - SPARES [RUNWAY ITEMS] Supply of Essna Connector for 6 sqmm runway Cable	Each	50.00	200.00	10000.00
87	Supply of Essna Connector for 16 sqmm runway Cable	Each	10.00	250.00	2500.00
88	Supply of BI-PIN Holder for 45-200W, 6.6A	Each	10.00	100.00	1000.00
89	Supply of Isolating transformer of 20/6.6 A, 200W	Each	10.00	1000.00	10000.00
90	Supply of Isolating transformer of 20/6.6 A, 45W	Each	10.00	1000.00	10000.00
91	Supply of Isolating transformer of 6.6/6.6 A, 200W	Each	10.00	1000.00	10000.00
92	Supply of Halogen lamp for runway light, 150W, 6.6A, (Model -Philips 6292 or Equivalent)	Each	30.00	900.00	27000.00
93	Supply of Halogen lamp for runway light, 45W, 6.6A, (Model -Philips 6134 or Equivalent)	Each	30.00	1000.00	30000.00
94	SH- III SUPPLY OF MATERIALS [T & P] Supply of following type heavy duty self supported Platform Aluminum ladder made from 10 SWG Jindal / Hindalco/ approved make Aluminum "C" section size 66 x 33 x 3.15 mm with 1 inch Aluminum non slip corrugated step with shock proof rubber shoes, working platform etc. as required. a) Height 12 feet Twins step type as approved by Engineer In charge.	Each	1.00	10000.00	10000.00
95	Supply of following type heavy duty self supported Platform Aluminum ladder made from 10 SWG Jindal / Hindalco/ approved make Aluminum "C" section size 66 x 33 x 3.15 mm with 1 inch Aluminum non slip corrugated step with shock proof rubber shoes, working platform etc. as required. b) Height 6 feet Twin Step ladder Model no. AA-3 or equivalent as approved by Engineer In charge.	Each	1.00	6000.00	6000.00
96	Supply of insulated Electrical mat for voltage upto 33 KV	Mtr	20.00	800.00	16000.00
97	SH- IV DSR ITEM: Complete items of CPWD Schedule of Rates (Electrical- 2018). (Rates Shall be quoted in multiples e.g. 0.99 or 1.01% Above / Below). The rate may be quoted in the following manner. (i) If quoted amount is Rs 45000 then the percentage will be considered as 10% below of DSR 2018. (ii) If quoted amount is Rs 50000 then the percentage will be considered as 0% above/ below of DSR 2018. (iii) If quoted amount is Rs 55000 then the percentage will be considered as 10% above of DSR 2018. (iv) The Rate will be Inclusive of GST.	INR	50000.00	1.80	90000.00
Total					4490186.00

FORTY FOUR LAKH NINETY THOUSAND ONE HUNDRED & EIGHTY SIX ONLY.

Vijender Singh
10/09/2020
(VIJENDER SINGH DAHIYA)
SM. (ENGG.-ELECTRICAL)
SHIMLA AIRPORT

Signature Not Verified

Digitally signed by Vijender Singh Dahiya
Date: 2020.09.14 11:12:52 IST
Location: eProcurement System for
Central PSUs