



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
देवी अहिल्याबाई होलकर विमानपत्तन, इंदौर
(आई.एस.ओ. 9001:2015, आई.एस.ओ. 18001:2015 एवं
आई.एस.ओ. 45001:2018 प्रमाणित)
DEVI AHILYA BAI HOLKAR AIRPORT, INDORE
(ISO 9001:2015, ISO 18001:2015 & ISO 45001:2018 Certified)

क्रमांक: भाविप्रा/इन्दौर/ संयु.म.प्र.(इंजी.-सिविल)/2021/डब्ल्यू-153/1828-43/206-21(ओ) दिनांक : 03/12/2021

प्रति,

मेसर्स न्यु सरस्वती कन्स्ट्रक्शन

स्थायी पता :-

209, जवाहर मार्ग

इन्दौर-452002

M/s New Saraswati Construction

Permanent Address:-

209, Jawahar Marg

Indore 452002

विषय :- एक्सटेंशन ऑफ टर्नपेड, फिलेट्स फॉर लिंक टैक्सीट्रेक फॉर बी777-300ईआर टाईप ऑफ एयरक्राफ्ट एट दे.अ.बा.हो. विमानतल इन्दौर

Subject :- Extension of Turn Pad, Fillets for Link Taxi Track for B777-300ER type of Aircraft At DABH Airport Indore.

संदर्भ :- आपकी दिनांक 11/11/2021 को खोली गई ई-निविदा बीड संख्या 2021_AAI_90096_1

Ref :- Your E-Tender Bid No. 2021_AAI_90096_1 Opened on Dated 11/11/2021.

महोदय / Dear Sir (s),

1. अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से उपरोक्त कार्य हेतु आपकी मदद दर ई-निविदा आपके द्वारा निविदित कुल राशि रुपये 1,78,61,210.00 (बिना जी.एस.टी. के) (रुपये : एक करोड़ इत्तर लाख इक्सठ हजार दो सौ दस रुपये मात्र) पर इस कार्य की अनुमानित लागत राशि रुपये 206.19 लाख (बिना जी.एस.टी. के) (रुपये दो करोड़ छः लाख उन्नीस हजार मात्र) से 13.38 % (तैरह दशमलव अद्वीस प्रतिशत) नीचे स्वीकृत की जाती है।

Your Item rate e-tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the Item rates quoted by you amounting Rs. 1,78,61,210.00 (Excluding G.S.T.) (Rupees One Crore Seventy Eight Lakh Sixty One Thousand Two Hundred Ten Rupees only) which is 13.38 % (Thirteen point Three Eight percent) below the estimated cost put to tender i.e. Rs. 206.19 (Excluding G.S.T.) (Rupees Two Crore Six Lakh Nineteen Thousand only).

2. संयुक्त महाप्रबंधक (इंजी-सिविल), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो कि करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह 15 दिन के अन्दर संयुक्त महाप्रबंधक (इंजी-सिविल), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा रुपये 100/- के नॉनज्युडिशियल स्टेम्प पेपर पर निष्पादित किया जायेगा, तथा स्टेम्प पेपर का खर्च आपके द्वारा उठाया जायेगा।

Jt. General Manager (Engg-Civil), AAI, DABH Airport, Indore shall be Engineer-in-Charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf, to attend the office of the Jt. General Manager (Engg-Civil), AAI, DABH Airport, Indore within 15 days to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- and the cost of the stamp paper shall be borne by you.

Contd.....2

2/12/21

देवी अहिल्या बाई होलकर विमानतल इन्दौर दूरभाष - 0731-2629665 फेक्स 0731-2629453
DEVI AHILYA BAI HOLKAR AIRPORT INDORE PHONE 0731-2629665 FAX 0731-2629453



3. कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि रुपये **17,86,121.00** /- (रुपये सतराह लाख छियासी हजार एक सौ इक्कीस रुपये मात्र) जमा कराये, असफल होने पर ठेके के दस्तावेज के पृष्ठ संख्या GCC 17 पर दी गयी संविदा के खण्ड-1 क के अनुसार आपके चालू बिल से काट ली जायेगी।
Please deposit **Rs. 17,86,121.00/-** (Rupees Seventeen Lakh Eighty Six Thousand One Hundred Twenty one Only) towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your running bill as per clause 1A on page GCC 17 of the Contract document.

4. आपसे निवेदन है कि कृपया आप केंद्रीय और राज्य सरकारों के कॉन्ट्रैक्ट लेबर (रेगुलेशन एण्ड एबोलिशन) एक्ट 1970 तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन), केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों व कर्मचारी भविष्यनिधि एवं अन्य व्यवस्था अधिनियम 1952, तथा कर्मचारी राज्य बीमा अधिनियम 1948, तथा समय-समय पर बदले हुए नियमों सहित ठेके के दस्तावेज के पृष्ठ संख्या GCC 50 व 56 पर दी गयी संविदा के खण्ड-19, 20 एवं 20 (क) एवं पृष्ठ संख्या GCC 73 व 74 पर दी गयी संविदा के खण्ड-46 के प्रावधानों के अनुसार अनुपालन करें।

You are requested to comply with the provisions of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation and abolition) Central rules 1971, minimum wages Act & Rules thereof Central and state Governments and Employees Provident Fund & Misc. Provision Act. 1952, and State Insurance (ESI) Act, 1948, amended from time to time as per clause 19, 20 & 20(A) on pages GCC 50&56 and clause 46 on pages GCC 73 & 74 of the Contract document.

5. आपसे निवेदन है कि कृपया क्षेत्रीय भविष्य निधि आयुक्त कार्यालय द्वारा आपको जारी भविष्य निधि खाता संख्या एवं राज्य कर्मचारी बीमा कार्यालय द्वारा आपको जारी राज्य कर्मचारी बीमा पंजीकरण संख्या इस कार्यालय को सूचित करें। आपसे यह भी निवेदन है कि आप इस पत्र के जारी होने के दस दिनों के अंदर अपने आपको वस्तु एवं सेवा कर कलेक्शन अथॉरिटी में पंजीकृत कराये एवं श्रम विभाग से वैध श्रम लाइसेन्स प्राप्त करें और इनके दस्तावेजी प्रमाण प्रभारी अभियंता को सौंप दें।

You are requested to intimate your PF Account Code No. allotted by Regional PF commissioner and ESI registration No. allotted by ESI corporation. You are also requested to get yourself Registered with Goods and Service Tax collection authorities and to obtain a valid labour license from department of labour and to submit the documentary evidence to Engineer-in-charge within 10 days of issue of award letter.

6. ठेके के दस्तावेज की सामान्य शर्तों के पृष्ठ जीसीसी-48, 49 के खण्ड 17 में उल्लेखित डिफेक्ट लाइबिलिटी का दायित्व अवधि **बारह माह** होगी।

The maximum defects liability period mentioned in clause 17 on page GCC-48, 49 of the contract document is **Twelve Months**.

Contd.....3

25/04



7. आपको यह भी निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (इंजी-सिविल)-III, एवं कनिष्ठ कार्यपालक (इंजी-सिविल)-II भाविप्रा, देवी अहिल्या बाई होल्कर विमानतल, इन्दौर से मिलें वह आपको साईट सौंपने की व्यवस्था करेंगे। कृपया ध्यान दें कि कार्य करने के लिये 06 (छ) माह, की अनुमति दी गई है जोकि इस पत्र के जारी करने की तिथि से दसवें दिन अथवा आपको साईट सौंपे जाने के दिन में से जो पहले हो से गिना जाएगा।

You are also directed to contact Assistant General Manager (Engg-Civil) -III and Jr. Executive (Engg.-Civil)-II AAI, Devi Ahilya Bai Holkar Airport, Indore immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work is 06 (Six) Months which shall be reckoned from the 10th day after the date of issue of this letter or the day of handing over site to you whichever is earlier.

8. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।
All letters referred above shall form part of contract.

9. इस ठेके के सम्बन्ध में आगे कोई भी पत्राचार प्रगारी अभियंता/संयुक्त महाप्रबंधक (इंजी सिविल), भारतीय विमानपत्तन प्राधिकरण, देवी अहिल्या बाई होल्कर विमानतल, इन्दौर के पते पर किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge/ Joint General Manager (Engg.-Civil), AAI, DABH Airport, Indore.

10. कृपया पावती भेजें।
Please acknowledge the receipt.

धन्यवाद / Thanking you.

संलग्न : शेड्यूल ए, कुल पृष्ठ चार (04)

भवदीय / Yours faithfully,

संयुक्त महाप्रबंधक (इंजी-सिविल),
Joint General Manager (Engg-Civil)
दे.अ.बा.हो. विमानतल, इन्दौर।
AAI, DABH Airport, Indore
कृते तथा ओर से, अध्यक्ष,
For and on behalf of Chairman
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India

Contd.....4



बाह्य वितरण / External Distribution

1. महाप्रबंधक (अभि.-परि),
भारतीय विमानपत्तन प्राधिकरण,
जबलपुर हवाई अड्डा - 482005
General Manager (Engg.-Project)
Airports Authority of India
Jabalpur Airport - 482005
कृपया सादर जानकारी हेतु प्रेषित।
For Information please.
2. उपमहाप्रबंधक (सर्तकता)
भारतीय विमानपत्तन प्राधिकरण
पश्चिमी क्षेत्र छत्रपति शिवाजी विमानतल
मुम्बई - 400 099
Dy. General Manager (Vigilance)
Airports Authority of India
Western Region
Chhatrapati Shivaji Airport
Mumbai - 400 099
ई निविदा प्रपत्र के इलेक्ट्रॉनिक टेन्डर ओपनिंग बी.ओ.क्यू.
कॉम्पैरेटिव चार्ट के कुल पृष्ठ (09) नौ के साथ सादर
जानकारी हेतु प्रेषित।
Along with copy of Electronic Tender opening BOQ
Comparative chart of total pages Nine (09) for kind
information please.
3. अपर आयकर आयुक्त (टी.डी.एस.), फॉर ऑफिस
कमिशनर ऑफ इनकम टैक्स आयकर भवन (द्वितीय
मंजिल) चर्च रोड, इन्दौर (म.प्र.)
Add. Income Tax Commissioner (T.D.S)
For office Commissioner of Income Tax Income
Tax bhawan (2nd floor) Church Road, Indore (M.P.)
कृपया सादर जानकारी हेतु प्रेषित।
For Information please.
4. लेबर इन्फोर्समेंट ऑफिस (सेन्ट्रल) न्यू सी.आई.ए.
बिल्डिंग, जी.पी.ओ. के पारा, इन्दौर (म.प्र.)
Labour Enforcement Officer (Central) New C.I.A.
Building Near G.P.O. Indore (M.P.)
कृपया सादर जानकारी हेतु प्रेषित।
For Information please.
5. वाणिज्य कर अधिकारी, कार्यालय वाणिज्यकर
अधिकारी, चूत-13 चेतक चेंबर, इन्दौर (म.प्र.)
Commercial Tax officer,
Office of Commercial Tax Officer,
13, Chetak Chamber, Indore.(M.P.)
कृपया सादर जानकारी हेतु प्रेषित।
For Information please.
6. क्षेत्रीय भविष्य निधि आयुक्त,
7, रेस कोर्स रोड, प्राधिकरण भवन, इन्दौर (म.प्र.)
452 003
Regional Provident fund commissioner,
7, Race Course Road, Pradhikaran Bhawan,
Indore (M.P.) 452 003
कृपया सादर जानकारी हेतु प्रेषित।
For Information please.

संयुक्त महाप्रबंधक (इंजी-सिविल),
Joint General Manager (Engg-Civil)

24/5

Contd.....5



आंतरिक वितरण / Internal Distribution

1. विमानपत्तन निदेशक महोदय,
भारतीय विमानपत्तन प्राधिकरण
देवी अहिल्या बाई होल्कर विमानतल, इन्दौर।
Airport Director,
AAI, DABH Airport, Indore.
कृपया सादर जानकारी हेतु प्रेषित।
For kind information please.
2. प्रभारी (संचार)
भारतीय विमानपत्तन प्राधिकरण
देवी अहिल्या बाई होल्कर विमानतल, इन्दौर।
Airport Director,
AAI, DABH Airport, Indore.
कृपया सादर जानकारी हेतु प्रेषित।
For kind information please.
3. प्रभारी (टर्मिनल)
भारतीय विमानपत्तन प्राधिकरण
देवी अहिल्या बाई होल्कर विमानतल, इन्दौर।
Airport Director,
AAI, DABH Airport, Indore.
कृपया सादर जानकारी हेतु प्रेषित।
For kind information please.
4. प्रभारी (विद्युत)
भारतीय विमानपत्तन प्राधिकरण
देवी अहिल्या बाई होल्कर विमानतल,
In-charge (Electrical),
AAI, DABH Airport, Indore.
शेड्यूल ए के साथ विद्युत संबंधित कार्यों की
आवश्यक अनुवर्ती कार्यवाही हेतु।
For necessary action regarding Electrical
works along with Copy of Schedule A
5. प्रभारी (वित्त)
भारतीय विमानपत्तन प्राधिकरण
देवी अहिल्या बाई होल्कर विमानतल
In-charge (Finance),
AAI, DABH Airport, Indore.
कृपया सादर जानकारी हेतु प्रेषित।
For kind information please.
6. प्रभारी (सुरक्षा)
भारतीय विमानपत्तन प्राधिकरण
देवी अहिल्या बाई होल्कर विमानतल,
In-charge (Security),
AAI, DABH Airport, Indore.
कृपया सादर जानकारी एवं CISF को संबंधित
कार्य की जानकारी देने हेतु प्रेषित।
For kind information and Communication to
CISF for this work please
7. प्रभारी (एटीसी)
भारतीय विमानपत्तन प्राधिकरण
देवी अहिल्या बाई होल्कर विमानतल,
In-charge (ATC),
AAI, DABH Airport, Indore.
कृपया सादर जानकारी हेतु प्रेषित।
For kind information please
8. सहायक महाप्रबंधक (इंजी-सिविल),
भारतीय विमानपत्तन प्राधिकरण
देवी अहिल्या बाई होल्कर विमानतल, इन्दौर।
AGM (Engg-Civil),
AAI, DABH Airport, Indore.
शेड्यूल ए के साथ पैरा 7 के
अनुरूप आवश्यक अनुवर्ती कार्यवाही हेतु।
For necessary action as per para 7 along with
copy of Schedule A.
9. कनिष्ठ कार्यपालक (इंजी-सिविल)
भारतीय विमानपत्तन प्राधिकरण
देवी अहिल्या बाई होल्कर विमानतल,
इन्दौर।
Jr. Executive (Engg.-Civil),
AAI, DABH Airport, Indore.
शेड्यूल ए के साथ पैरा 7 के
अनुरूप आवश्यक अनुवर्ती कार्यवाही हेतु।
For necessary action as per para 7 along
with copy of Schedule A

संयुक्त महाप्रबंधक (इंजी-सिविल),
Joint General Manager (Engg-Civil)

SCHEDULE - A (SCHEDULE OF QUANTITIES)

कार्य का नाम : एक्सटेंशन ऑफ टर्नपैड, फिलेट्स फॉर लिंक टैक्सीट्रेक फॉर बी777-300ईआर टाइप
ऑफ एयरक्राफ्ट एट दे.अ.बा.हो. विमानतल इन्दौर

Name of Work : Extension of Turn Pad, Fillets for Link Taxi Track for B777-300ER type of Aircraft at DABH Airport Indore.

एजेंसी का नाम : मेसर्स न्यू सरस्वती कन्स्ट्रक्शन, 209, जवाहर मार्ग, इन्दौर-452002

Name of Agency : M/s New Saraswati Construction, 209, Jawahar Marg, Indore 452002

Item No.	Description of Item	Unit	Quantity	Rate	Amount
CIVIL WORKS					
1.01	Dismantling of flexible pavement (bituminous courses) by mechanical means and disposal of dismantled material up to a lead of 1 kilometre, as per direction of Engineer-in-charge.	Cum	300	300.00	90000.00
1.02	Dismantling manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge Water bound macadam road	Sqm	1500	50.00	75000.00
1.03	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	Cum	7700	110.00	847000.00
1.04	Construction of embankment with Good earth/ Moorum brought out from approved quarry out side the airport premises. The complete operation will include spreading the Moorum with dozer, dressing, levelling, providing camber, grading with motor grader and consolidating with vibratory roller 8-10 tonne capacity including making good the undulation etc. as per technical specifications and drawings complete and directions of Engineer-in-Charge. (Cost includes all leads, taxes, royalty and operations)	Cum	3600	450.00	1620000.00
1.05	Supplying and stacking at site Moorum	Cum	1950	425.00	828750.00
1.06	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres	Sqm	5050	40.00	202000.00
1.07	Providing and laying stabilized mixture of good earth and cement (96% good earth + 4% cement by weight) in layers in the surface of sub grade, mixing with mechanical plants/rotellier, watering the mixture properly to enable the good earth and cement to react banking the mixture in layers not exceeding 20 cm (loose) in thickness (each layer) on the prepared sub grade, rolling each layer with power road roller of 8-10 tonne weight, or vibratory road roller as directed by the Engineer-in-Charge under optimum moisture content to give density of at least 98% of the maximum modified standard proctor density at optimum moisture content, complete including leveling and fine dressing the top layer to the required grade, camber and slope etc. complete as per Technical Specification and as directed by Engineer-in-Charge. (The item includes cost of cement, good earth brought from outside, payment of necessary royalty, carriage of good earth upto work site for all lead and lifts involved from all sources required or arranged by contractor complete. Payment to be made for compacted quantity only).	Cum	1100	525.00	577500.00
1.08	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paver/finisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge	Cum	1050	1400.00	1470000.00
1.09	Providing and applying primer coat with bitumen emulsion SS1 grade conforming to IS:8887 on prepared surface of granular Base/ WMM including cleaning of surface and spraying primer at the rate of 0.70 kg/sqm using mechanical means complete in all respect as per direction of Engineer-In-Charge. The contractor shall quote his rates assuming quantity of bitumen emulsion @ 0.70 Kg/Sqm. If the actual quantity of bitumen emulsion varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of bitumen emulsion shall be done as per rate in actual supply voucher from nearest refinery at the time of execution, the rate of bitumen emulsion exclusive of GST shall only be considered for payment	Sqm	3200	32.00	102400.00
1.10	Providing and applying tack coat using bitumen Emulsion (Rapid Setting) complying with IS:8887, spraying the bitumen (emulsion) with mechanically operated spray unit, cleaning and preparing the existing pavement surface with mechanical broom & air compressor as per specifications. On bituminous surface @ 0.25 Kg/sqm	Sqm	4550	20.00	91000.00
1.11	Providing and laying of Hot Mix Dense Bituminous Macadam (HDBM) using crushed stone aggregate of quality, size and grading as specified and 2% cement by weight of aggregates as filler of quality as specified and Viscosity Grade Bitumen VG 30 (supplied in packed) in proportions as per job mix formula and laid to specified levels, grade and camber as per specification, drawings and as directed by the Engineer in Charge including compacting with 8-10 tonne, preferably vibratory road roller of adequate capacity to achieve the specified values of compaction, strength, surface accuracy complete	Cum	500	10000.00	5000000.00
1.12	Providing and laying of Hot Mix Semi Dense Asphaltic Concrete (SDAC) using crushed stone aggregate of quality, size and grading as specified and 2% cement by weight of aggregates as filler of quality as specified and Viscosity Grade Bitumen VG 30 (supplied in packed) in proportions as per job mix formula and laid to specified levels, grade and camber as per specification, drawings and as directed by the Engineer in Charge including compacting with 8-10 tonne, preferably vibratory road roller of adequate capacity to achieve the specified values of compaction, strength, surface accuracy complete	Cum	160	13000.00	2080000.00

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1.13	Providing and laying of Hot Mix Dense Asphaltic Concrete(DAC) using crushed stone aggregate of quality, size and grading as specified and 2% cement by weight of aggregates as filler of quality as specified and Viscosity Grade Bitumen VG 30 (supplied in packed) in proportions as per job mix formula and laid to specified levels, grade and camber as per specification, drawings and as directed by the Engineer-in-Charge including compacting with 8-10 tonne, preferably vibratory road roller of adequate capacity to achieve the specified values of compaction, strength, surface accuracy complete	Cum	80	13000.00	1040000.00
1.14	Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of all dirt, scales, oil, grease and other foreign material etc. and lining out complete New work (Two or more coats)	Sqm	350	125.00	43750.00
1.15	Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of all dirt, scales, oil, grease and other foreign material etc. and lining out complete. Old work (One or more coats)	Sqm	200	80.00	16000.00
1.16	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size)	cum	5	6000.00	30000.00
1.17	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) : 8 graded stone aggregate 40 mm nominal size)	cum	10	4500.00	45000.00
1.18	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	cum	5	7000.00	35000.00
1.19	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	Sqm	20	500.00	10000.00
1.20	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade i/c 500D or more	Kg	400	80.00	32000.00
1.21	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	1000	100.00	100000.00
1.22	12 mm cement plaster of mix : 1:6 (1 cement : 6 fine sand)	Sqm	50	200.00	10000.00
1.23	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cum	10	800.00	8000.00
1.24	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	Cum	15	800.00	12000.00
1.25	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer in charge. n cement mortar	Cum	15	800.00	12000.00
1.26	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality EHD - 35 Circular shape 560 mm internal dia	Each	5	3000.00	15000.00
1.27	Providing and laying Non Pressure NP-4 class (Heavy duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 450 mm dia RCC pipes	metre	15	3000.00	45000.00
1.28	Providing and laying Non Pressure NP-4 class (Heavy duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 600 mm dia RCC pipes	metre	20	4000.00	80000.00
1.29	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	1950	60.00	117000.00
1.30	Brick work with local available size flyash bricks of class designation 35 in foundation and plinth in : Cement mortar 1:6 (1 Cement : 6 Coarse sand)	cum	12	6000.00	72000.00
1.31	Disposal of building rubbish / malba - similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer in charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	8500	100.00	850000.00

28/11/20

8

ELECTRICAL WORKS

2.01	Supply of C.I. Isolating Transformer housing box, water tight round type, metal container of outside size 330mm height 450mm made of 10mm thick cast iron moulding suitable to receive a light fitting base plate on the top and underground housing associated with transformer power cable and having a clear hole centre at one side surface centre 125 mm below from top surface suitable to receive one nos. of 50 mm dia "B" class GI pipe and including check nuts as required and another hole at 100 mm from the top surface of the CI Box to receive one no. 15mm dia "B" class GI pipe and check nut as required. The box should have two SS earth bolts of M10 x 30mm tapped inside near the hole (4" away from the hole centre) and having a drain hole at the bottom suitably tapped to receive 15mm dia "B" class GI pipe and having clear opening of 220 mm at the top surface and 6 nos. M10 tapped hole at the hole centre 260 mm to receive fitting base plate and bolts complete as required. (a) Single Hole Type	Each	90	4250.00	382500.00
2.02	Installation of Transformer Housing Box in shoulder area of taxi/apron having size of 330x450mm by core cutting in bitumen area of size 340mm dia upto 500mm deep grouting the box by dobfill 60mm thick and top to be sloped with 1:2:4 cement concert, disposal of excavated material within 50 mtrs lead, providing and fixing 150mm long 15mm dia "B" class GI Pipe at base with check nut for drainage of water. The boxes are aligned in such way that the hole centers fall in straight line etc. complete as required.	Each	85	5000.00	425000.00
2.03	Supply of 7.5 W (maximum) LED Type omni directional blue lens, Elevated Medium Intensity Taxiway/ Apron edge Light Fittings complete with lens, LED lamp, holder, lens clamping mechanism Driver Unit, suitable heat sink, Breakable Coupling, central column assembly, 2 pin secondary Lead, Rubber Gaskets, Base Plates with 6 nos M 10 stainless steel bolts, spring washer and other accessories etc confirming to ICAO specification and technical specification etc complete as required. 7.5 W (maximum) LED	Each	15	4500.00	67500.00
2.04	Dismantling of Bi-directional/unidirectional, ELEVATED/ INSET type of RUNWAY EDGE LIGHT/ TURNING PAD LIGHT/ WING BAR LIGHT and its supporting pipe fitting etc. from the base plate, isolating transformers from transformer housing box after opening the base plate and M10 size SS/MS hardware etc. as per site conditions.	Each	85	310.00	26350.00
2.05	Re-Installation of Bi-directional/unidirectional, ELEVATED/INSET type of RUNWAY EDGE LIGHT/ TURNING PAD LIGHT/ WING BAR LIGHT etc., complete fittings on the existing base plate of C.I. Housing Box, installation of isolation transformer, interconnection, testing, commissioning including thoroughly cleaning the fixtures and its accessories, before installation etc. as required.	Each	85	300.00	25500.00
2.06	Supply of Bi-directional elevated type high intensity Runway Edge light Fitting Suitable for use with 200W 6.6 Halogen lamp complete with all accessories including breakable coupling, mounting assembly, optical assembly, outer-dome, bi-pin lamp holder, connecting leads, lamp and lenses and filters and CI base Plate. The photometrics of fitting arrangement shall confirm to ICAO Annex-14 and relevant standards as per requirement.	Each	10	10500.00	105000.00
2.07	Supply of Isolating transformer of 5 KV Grade suitable to operate upto 7.5 Watt, LED light of medium intensity light fitting encapsulated in polyester resin finally moulded in neoprene rubber with primary and secondary connection as specified in particular specifications. (a) 6.6A/6.6A of 15 W	Each	15	3100.00	46500.00
2.08	Supply of following size 5KV grade PVC/XLPE insulated & PVC sheathed stranded copper conductor single core Airport lighting cable confirming IS 1554 (Part-II)/IS 7098 (Part-II) with upto date amendent and confirming to particular specification etc. as required. (a) 1x6 Sq mm	Mtr	2000	92.00	184000.00
2.09	Laying of one number PVC/ XLPE insulated and PVC sheathed / XLPE power cable of 5 KV grade of following size in the existing RCC/ HUMES/ METAL pipe/ HDPE Pipe as required. (a) 1X6 sqmm	Mtr	1800	25.00	45000.00
2.10	Supply of following 5KV grade plug & suitable receptacle (essna connector) of type-I class B connector & suitable field attachment suitable for following size 5KV grade PVC insulated PVC sheathed single core stranded copper conductor cable confirming to IS-1554 (Part-II) with upto date amendment (a) 6 sqmm	Set	80	400.00	32000.00
2.11	Making field connections by crimping of 6/16 sq. mm. plug & receptable with existing 6/16 sq. mm. single core PVC Cu. Conductor cable including filling the gap with water sealent material applying PVC insulation tape etc. complete as reqd.	Set	80	225.00	18000.00
2.12	Supplying and laying of 15 mm dia GI pipe (Medium class) ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 1239 (Part 1) 2004, complete with fitting and cutting, jointing etc. in existing curf cut complete as required.	Mtr	516	110.00	56760.00
2.13	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	Mtr	700	45.00	31500.00
2.14	Supplying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to relevant IS, complete with fitting and cutting, jointing etc. in Ground, complete as required. 63 mm dia (OD-63 mm & ID-51 mm nominal)	Mtr	1000	60.00	60000.00
2.15	Laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to relevant IS, complete with fitting and cutting, jointing etc. in Ground, complete as required. 63 mm dia (OD 63 mm & ID-51 mm nominal)	Mtr	1000	25.00	25000.00
2.16	Providing, laying and fixing 50 mm dia G.I. pipe (medium class) in ground complete with G.I. fittings in existing groove as required bitumen.	Mtr	516	600.00	309600.00
2.17	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re filling as required.	Mtr	200	220.00	44000.00

2.18	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Each	5	6000.00	30000.00
2.19	Cutting groove of size 120 mm wide and 160 mm deep (or as required) with saw cutting/Bitumen/Concrete Cutting machine, refilling and finishing the surface with suitable cement concrete and a layer of ready mix bitumen/road bond for bituminous surface, etc complete as reqd.	Mtr	516	350.00	180600.00
2.20	Supply of Isolating transformer of 5 KV Grade 200 watt 6.6/6.6 amp rating suitable for PAPI Light, as per applicable specifications (a) 6.6A/6.6A of 200 W	Each	50	4200.00	210000.00
Grand Total					17861210.00

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Rupees : One Crore Seventy Eight Lakh Sixty One Thousand Two Hundred and Ten Only

Jt. GM (Engg. Civil)
AAI, DABH Airport Indore