



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

भाविप्रा/भोपाल/अभि.-सि./ डबल्यू.-05/ टर्न पैड/2021-22/ 1318(1-9)

दिनांक : 08/12/2021

सेवा में/ To,

मेसर्स शेपर्स कंस्ट्रक्शन लिमिटेड

7 ए पंजाबी बाग रायसेन रोड

गोविंदपुरा भोपाल (म.प्र.)

मोबाइल :- 94250165878

ईमेल - shapersshapers@yahoo.co.in

M/s Shapers Construction Ltd.

7-A PUJABIGABH RAISESN ROAD

GOVINDPURA BHOPAL (M P) 462023

Mob :- 94250165878

email :- shapersshapers@yahoo.co.in

विषय :- राजा भोज हवाई अड्डे, भोपाल में बी777-300 ईआर प्रकार के विमान के लिए टर्न पैड एव लिंक टैक्सी ट्रैक, फिलेट्स के विस्तार का कार्य।

Subject:- "Extension of turn Pad, fillets for Link taxi track for B777-300ER type of aircraft at Raja Bhoj airport, Bhopal."

संदर्भ :- आपकी निविदा संख्या 2021_AAI_92415_1 दिनांक 01/12/2021

Ref: Your E-tender No. 2021_AAI_92415_1 dated 01/12/2021

महोदय / Dear Sir (S),

1. अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से उपरोक्त वर्णित कार्य का, आपकी मद मूल्यों पर आधारित ई-निविदा राशि रुपये 4,22,23,900.00/- (बिना जी.एस.टी.) (रुपये चार करोड़ बाईस लाख तेईस हजार नौ सो मात्र), जोकि अनुमानित लागत Rs. 7,74,93,282.00/- (बिना जी.एस.टी.) (रुपये सात करोड़ चौहतर लाख तिरानवे हजार दो सो बयासी मात्र) से (-) 45.51 % (पैंतालीस दशमलव पाच एक प्रतिशत) कम है, स्वीकृत की जाती है।

Your E-tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India, at the item rate quoted by you totaling to Rs. 4,22,23,900.00/- (Excluding GST) (Rupees Four crore Twenty Two Lakh Twenty Three Thousand Nine Hundred Only) which is (-) 45.51 % (Forty Five point Five One Percent) below the estimated cost put to tender of Rs 7,74,93,282.00/- (Excluding GST) (Rupees Seven Crore Seventy Four Lakh Ninety Three Thousand Two Hundred Eighty Two Only).

2. संयुक्त महाप्रबंधक अभियांत्रिकी (सिविल) भाविप्रा राजाभोज एयरपोर्ट भोपाल इस कार्य के इंजीनियर प्रभारी होंगे। आपसे अनुरोध है कि आप संयुक्त महाप्रबंधक अभियांत्रिकी (सिविल) कार्यालय भाविप्रा राजा भोज एयरपोर्ट भोपाल में दिनांक 22/12/2021 तक उपस्थित होकर करारनामे पर हस्ताक्षर कर पूरा करें। यह करारनामा रुपये 500.00 (पाँच सौ रुपये) मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जायेगा और स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

Jt.GM Engg (Civil), AAI, Raja Bhoj Airport, Bhopal, shall be the Engineer-in-Charge of the work. You are requested to attend the office of Jt.GM Engg (Civil), AAI, Raja Bhoj Airport, Bhopal by 22.12.2021 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 500.00 (Rupees Five Hundred only) and the cost of the stamp paper shall be borne by you.

- 3- इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर रुपए Rs. 21,11,195.00/- (इकीस लाख ग्यारह हजार एक सौ पचानवे रुपये) पृतिभूती राशि जमा करे, विफल होने पर निविदा दस्तावेज़ की शर्त संख्या -1 ए पृष्ठ संख्या -16 के अनुसार कटौती की जाएगी।

Please deposit Rs. 21,11,195.00/- (Rupees Twenty one Lakh Eleven thousand One hundred Ninety Five Only) toward security deposit within 10 days from the date of issue of this letter, failing which, same shall be deducted as per clause no. GCC 1 A of page no -16 of tender documents.

- 4- इस पत्र के जारी होने के 30 दिनों के भीतर आप निविदा दस्तावेज़ अनुबंध की शर्त संख्या - 1 पृष्ठ संख्या GCC-15 के अनुसार रुपए Rs.12,66,717.00/- (बारह लाख छियासठ हजार सात सौ सत्रह रुपये) की निष्पादन प्रतिभूति भारतीय विमानपत्तन प्राधिकरण, के पास जमा करेंगे। यह धन राशि निविदा दस्तावेज़ के पृष्ठ संख्या GCC- 108,109,110 पर सलग्न प्रपत्र पर बैंक गारंटी के रूप में जमा की जाएगी ।

Within 30 days of issue of this letter, you shall submit to AAI, a Performance Guarantee for an amount of Rs. 12,66,717.00/- (Rupees Twelve Lakh sixty six thousand Seven hundred Seventeen Only) in the form of Bank Guarantee as per clause GCC clause 1 of page no – GCC-15 of the Tender Document, on the proforma appended at GCC- 108,109,110 of the Tender Document.

- 5- आपसे निवेदन है कि आप विभिन्न लागू वैधानिक अधिनियमन जैसे कर्मचारी भविष्य निधि व विविध प्रावधान अधिनियम 1952, कर्मचारी राज्य बीमा (ESI) अधिनियम, 1948, ठेका श्रमिक (रोजगार व सेवा की शर्त) अधिनियम, 1979 न्यूनतम मजदूरी अधिनियम , 1948, मजदूरी भूगतान अधिनियम, 1936, श्रमिक प्रतिपूर्ति अधिनियम, 1923 एवं अन्य संगत नियम व अधिनियम, अनुदेश इत्यादि जो समय समय पर जारी/प्रवर्तित किया जाते हैं । उक्त वैधानिक अधिनियम व प्रावधानों का नियमित अनुपालन व इनके अंतर्गत सारी विधिक बाध्यताओं का पूर्ण प्रेक्षण आपका एकल दायित्व होगा।

You are requested to comply with the provisions under various applicable statutory enactments including the employees Provident Fund & Miscellaneous Provisions Act, 1952, the Employees State Insurance (ESI) Act, 1948, the Contract Labour (Regulation & Abolition) Act, 1970, the Inter-State Migrant workmen (Regulation of employment & conditions of Service) Act, 1979, the Minimum Wages Act, 1948, the Payment of Wages Act, 1936, the workmen's Compensation Act, 1923 and other relevant Act, Rules and Regulations, instructions etc. issued/enforced from time to time. It shall be your sole liability to abide with and fully observing the legal obligations under the aforesaid statutory acts and provisions.

- 6- आपको निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (सिविल), भोपाल विमानतल से संपर्क करें जो आपको कार्यस्थल को सौंपने की व्यवस्था करेंगे।

You are also directed to contact with AGM. Engg (Civil), Bhopal Airport immediately who will arrange to hand over the site to you.

- 7- कृपया ध्यान दें कि काम करने का अनुमानित समय **07 (सात) माह** हैं जोकि इस पत्र को जारी करने के **दसवे दिन** से मान्य होगा।

Please note that the time allowed for carrying out the work shall be **07 (Seven) month** and same shall be reckoned from the 10th day after issue of this letter.

- 8- यह संदर्भित पत्र अनुबंध का एक हिस्सा होगा।

This letter under reference shall form part of Agreement

- 9- इस अनुबंध के संबंध में आगे का कोई भी पत्राचार प्रभारी अभियंता के पते पर किया जाए।

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

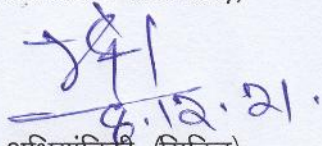
- 10- कृपया अपनी अभिस्वीकृती भेजे तथा सहमति के लिये डुप्लीकेट कापी, जोकि इस पत्र के साथ संलग्न है, हस्ताक्षर करके अधोहस्ताक्षरी को भेजे।

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.

- 11- यदि कोई विसंगति पाई जाती है तो अंग्रेजी संस्करण को ही सही रूप में लिया जाएगा।

In case any discrepancy is found then English version will be taken as correct.

भवदीय/Yours faithfully,



संलग्नक/Encl. —Schedule 'A' (BOQ).

संयुक्त महाप्रबंधक अभियांत्रिकी (सिविल)

Jt.GM (Engineering Civil)

राजा भोज विमानतल भोपाल,

Raja Bhoj Airport, Bhopal

कृते तथा ओर से

For and on behalf of

अध्यक्ष, भाविप्रा,

The Chairman, AAI

Name of Work: Extension of turn Pad, fillets for Link taxi track for B777-300ER type of aircraft at Raja Bhoj airport, Bhopal

Name of Agency: M/s. Shapers Constructions Limited, Bhopal

Bill of Quantity

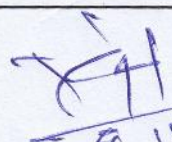
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.00	Dismantling of flexible pavement bituminous courses) by mechanical means and disposal of dismantled material within Airport premises, as per direction of Engineer-in-charge.	620.00	Cum	125.00	77500.00
2.00	Demolishing cement concrete manually/ by mechanical means including disposal of material within Airport Premises as per direction of Engineer - in - charge. (a) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	210.00	Cum	130.00	27300.00
3.00	Excavation for road work in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead within Airport Premises.	16860.00	cum	75.00	1264500.00
4.00	Excavating, supplying and filling of local earth (Excating within AAI premises without royalty) by mechanical transport upto a lead of 5km also including compacting/rolling, making good the undulations and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete as per direction of Engineer-in-charge.	1300.00	cum	200.00	260000.00
5.00	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	6690.00	cum	750.00	5017500.00
6.00	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 paverfinisher 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.	5310.00	cum	900.00	4779000.00
7.00	Providing and applying primer coat with bitumen emulsion SS1 Grade conforming to IS:8887 on prepared surface of granular base including clearing of surface and spraying at the rate of 0.70 kg/sqm using mechanical means complete in all respects as per direction of Engineer -In Charge. The contractor shall quote his rates assuming quantity of bitumen emulsion as 0.70kg/sqm. If the actual quantity of bitumen in 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	17300.00	sqm	18.00	311400.00
8.00	Providing and laying of HOT Mix Dense Bituminous Macadam (DBM) using crushed stone aggregate of quality size grading as specified and cement filler of quality as specified and Viscosit Grade Bitumen (supplied in bulk) 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 (for tendering purpose VG bitumen of grade VG-30 shall be taken as 110 kg/m3 of mix supplied in bulk produced by Govt. Refineries and 2% cement by weight of aggregate as filler material).	2250.00	cum	5600.00	12600000.00

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Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
9.00	Providing and applying tack coat using hot straight run bitumen of Viscosity grade VG-10 (80/100) conforming IS: 73 including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing Runway/Road surface as per specification complete in all respects as per direction of Engineer In Charge. If the the actual quantity of bitumen varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of bitumen shall be done as per rate in actual supply voucher from nearest refinery at the time of execution. The rate of VG-10 bitumen exclusive of GST shall only be considered for payment. a) 0.35kg/sqm on bituminous surface	35000.00	sqm	20.00	700000.00
10.00	Providing and applying tack coat using hot straight run bitumen of Viscosity grade VG-10 (80/100) conforming IS: 73 including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing Runway/Road surface as per specification complete in all respects as per direction of Engineer In Charge. If the the actual quantity of bitumen varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of bitumen shall be done as per rate in actual supply voucher from nearest refinery at the time of execution. The rate of VG-10 bitumen exclusive of GST shall only be considered for payment. a) 0.50kg/sqm on existing bituminous surface	11250.00	sqm	22.00	247500.00
11.00	Providing and laying of HOT Mix Semi Dense Asphaltic Concrete (SDAC) using crushed stone aggregate of quality size grading as specified and cement filler of quality as specified and Viscosit Grade Bitumen (supplied in bulk) in proportions as per job mix formula and laid to specified levels, grade and camber as per specification, drawings and as directed bt the Enhineer-In - Charge including compacting with 8-10 tonne, preferably vibratory road roller of adequate capacity to achieve the specied values of compaction, strength, surface accuracy complete (for tendering purpose VG bitumen of grade (VG-30) content shall be taken as 120 kg/m3 of mix supplied in bulk produced by Govt. Refineries and 2% cement by weight of aggregate as filler material.	900.00	cum	6500.00	5850000.00
12.00	Providing and laying of HOT Mix Dense Asphaltic Concrete (DAC) using crushed stone aggregate of quality size grading as specified and cement filler of quality as specified and Viscosit Grade Bitumen (supplied in bulk) 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 (for tendering purpose VG bitumen of grade VG-30 content shall be taken as 135 kg/m3 of mix supplied in bulk produced by Govt. Refineries and 2% cement by weight of aggregate as filler material).	700.00	cum	8200.00	5740000.00
13.00	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 Engineerin- charge.	132.00	cum	2500.00	330000.00
14.00	Providing and laying transparant (1st quality) polythene sheet (separation membrane) 400 microns thick on the base course with overlaps of not less than 100mm both way over the layer of 6mm thick sand complete and as per directions of Engineer-in-charge. Only plan area shall be measured for payment. Cost include laying of 6mm thick layer of sand, overlaps of polythene sheets etc complete.	760.00	sqm	75.00	57000.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
15.00	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, dummy & longitudinal joints (10 mm wide x 50 mm deep) 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). Note:- Cement content considered in M-30 is @ 340 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately.	245.00	cum	5400.00	1323000.00
16.00	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)	3600.00	sqm	145.00	522000.00
17.00	Providing suitable Passenger vehicle of cylinder capacity minimum 14000 cc of not more than three years old with valid commercial registration number alongwith driver during the progress of work for NIGHT HOURS (From 0800 PM to 0700 AM next day). The engineering in-charge shall be the controlling officer for movement of vehicles. The rate shall be inclusive of cost of fuel, driver's salary, Overtime, mobil oil, repair & maintainance cost, charges of airport entry permits. Airport Driving Permit with monthly running of 2500km. [Note: Rs. 3500/- per day shall be recovered from agency running account bill as a penalty for non availability of vehicle or break down of vehicle].	8.00	Months	28000.00	224000.00
18.00	Placing and removing of required number of SAND BAGS on requirement basis at prescribed location at excavated pits near runway/taxiway for making of ramp with existing top surface. Rate will be inclusive of Filling of Sand in empty cement or Gunny bags, Due packing of bags, Transportation to prescribed location, placing of sand bags on excavated portion and removal of the sand bags before the start of work, stacking at site etc all complete as and when directed by Engineer in charge. NOTE : 1. Measurements will be recorded for each cycle of placing and removing of sand bags from excavated portion or anywhere location of placing. One Cycle consist of removal of sand bags before start of work and again placing of sand bags in pits before closing of work. 2. It is assumed sand bags shall be re-utilised in 20 cycles as mentioned above. 3. Measurements shall be done in length, width and depth of pit or filled up area in unit of Meters measured up to two decimal places.	3790.00	cum	80.00	303200.00
19.00	Providing and laying a protective layer of premixed graded stone aggregate of 6.7 mm down size (passing 11.2mm seive) over prepared surface of runway/taxiway using 224 kg of bitumen of VG 30 grade with 2.00 cum of stone aggregate per 100 sqm of runway/taxiway surface, laying with paver finisher to the required grade & camber including rolling and finishing with road roller etc. all complete. (Applying of VG-30 bitumen tack coat under protective layer to be paid seperately).	11250.00	sqm	220.00	2475000.00
20.00	Submission of Pavement designs with calculation including required testings at site and laboratory, for Design of Flexible and Rigid pavements for B-777 ER type of aircrafts. Duty vetted from NIT, IIT. Appointment of structural consultant shall be approved by Engineer - In - Charge.	1.00	per job	115000.00	115000.00
				Rs.	42223900
Lowest Amount Quoted BY: M/s. Shapers Constructions Limited(42223900.00), excluding GST					


 8.12.21.
 J.G.M. (E-C)