



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

संदर्भ: भा०वि०प्रा०/अयो०/अभि०-सि०/सी.डब्ल्यू.-01/ऑप्स.बी.डब्ल्यू./2025-26/05
Ref: AAI/AYO/Engg. -C/CW01/Ops.BW/2025-26/05

दिनांक: 13.06.2025
Date: 13.06.2025

सेवा में

मैसर्स बिमल टेक्नोकार्ट्स
501, बालकृष्ण एन्क्लेव,
शिवपुरी, अनिशाबाद
पटना, बिहार -800002
मो०न०- 7781007444

ईमेल- bimaltech16@gmail.com.

To,

M/s Bimal Technocarts,
501, Balkrishna Enclave,
Shivpuri, Anishabad,
Patna, Bihar-800002
M.No. 7781007444

E-mail- bimaltech16@gmail.com.

कार्य का नाम : एमवीआई हवाई अड्डे अयोध्या में शहर की ओर से मौजूदा प्रशासनिक ब्लॉक तक पहुंच प्रदान करने के लिए नई परिचालन सीमा दीवार और परिधि सड़क का निर्माण और फायर पिट तक लिंक रोड का निर्माण ।

Name of work: Construction of New Operational Boundary wall and perimeter Road to provide access to existing Administrative block from city side and Link Road to Fire Pit at MVI Airport Ayodhya. (Tender Id - 2025_AAI_230461_1)

संदर्भ : ई -निविदा खुलने की तिथि:18.04.2025

महोदय/ Sir,

1. उपरोक्त कार्य के लिए आपका ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मत दर पर स्वीकार किया जाता है, जिसकी कुल राशि रु. 2,81,52,454.53/- (दो करोड़ इक्कासी लाख बावन हजार चार सौ चौवन रुपये और तिरपन पैसे मात्र) जीएसटी को छोड़कर है, जो कि निविदा में रखी गई अनुमानित लागत रु. 3,57,23,807.00 से 21.19% कम है।

Your E-tender for the work mentioned above is here by accepted on behalf of the Chairman, Airports Authority of India, at the item rate quoted by you totalling to Rs.2,81,52,454.53/- (Rupees Two Crore Eighty-One Lakh Fifty-Two Thousand Four Hundred Fifty-Four and Fifty-Three paise only) exclusive of GST which is 21.19% below the estimated cost put to tender of Rs. 3,57,23,807/-

2. वरिष्ठ प्रबंधक (इंजीनियरिंग-सिविल), भा०वि०प्रा०, एमवीआई एयरपोर्ट, अयोध्या कार्य के प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि अनुबंध समझौते पर हस्ताक्षर करने और उसे पूरा करने के लिए 28.06.2025 तक वरिष्ठ प्रबंधक (इंजीनियरिंग-सिविल), भा०वि०प्रा०, एमवीआई एयरपोर्ट, अयोध्या के कार्यालय में उपस्थित हों। अनुबंध समझौता 100/- (केवल एक सौ रुपये) मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको वहन करनी होगी।



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Sr. Manager (Engg-Civil), AAI, MVI Airport, Ayodhya shall be Engineer-in-Charge of the work. You are requested to attend the office of the Sr. Manager (Engg-Civil), AAI, MVI Airport, Ayodhya by **28.06.2025** 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.

3. आपके निविदा के साथ प्राप्त की गई धरोहर राशि 10,71,714.00 (दस लाख इकहत्तर हजार सात सौ चौदह मात्र) को अनुबंध दस्तावेज के पृष्ठ संख्या जीसीसी 23 पर खंड 1ए के अनुसार सुरक्षा जमा के हिस्से के रूप में माना जाएगा और परिवर्तित किया जाएगा। कृपया इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सुरक्षा जमा के रूप में रु. 17,43,531.45 (सत्रह लाख तैंतालीस हजार पांच सौ इकतीस और पैतालीस पैसे मात्र) जमा करें, अन्यथा अनुबंध दस्तावेज के पृष्ठ संख्या जीसीसी 23 पर खंड 1 ए की शर्त के अनुसार राशि काट ली जाएगी।

The Earnest Money amount of Rs. 10,71,714.00 (Rupees Ten Lakh Seventy-One Thousand Seven Hundred Fourteen only) received along with your tender will be treated and converted as part of Security Deposit as per clause 1A at Page no. GCC 23 of contract document. Please deposit Rs.17,43,531.45 (Seventeen Lakh Forty-three Thousand Five Hundred Thirty-One and Forty- Five paise 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 1A at page no. GCC 23 of contract document.

4. आपसे अनुरोध है कि आप संविदा श्रम (विनियमन एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियमन एवं उन्मूलन) केन्द्रीय नियम 1971, बाल श्रम (प्रतिषेध एवं विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार एवं सेवा शर्त विनियमन) अधिनियम 1996, भवन एवं अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 के प्रावधानों का अनुपालन करें, जैसा कि निविदा के पृष्ठ संख्या जीसीसी 69 पर खण्ड 19 में निर्दिष्ट है तथा केन्द्रीय एवं राज्य सरकार के नियमों का अनुपालन करें।

You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central rules 1971 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Conditions of Service) Act 1996, Building and other Construction Workers Welfare Cess Act 1996 as specified in clause 19 on page no. GCC 69 of tender and rules of Central and State Government.

5. आपको यह भी निर्देश दिया जाता है कि आप प्रबंधक (इंजीनियरिंग-सिविल), भा०वि०प्रा०, एमवीआई एयरपोर्ट, अयोध्या से तुरंत संपर्क करें। जो आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Manager (Engg-Civil), AAI, MVI Airport, Ayodhya immediately who will arrange to hand over the site to you.



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6. कृपया नोट करें कि कार्य पूरा करने के लिए 06 (छह) महीने का समय दिया जाएगा और इसकी गणना इस पत्र के जारी होने के 10वें दिन से की जाएगी।

Please note that the time allowed for carrying out the work shall be 06 (Six) Months and same shall be reckoned from the 10th day after issue of this letter.

7. अनुबंध के संबंध में कोई भी आगे का पत्राचार सामान्यतः प्रभारी इंजीनियर को संबोधित किया जाना चाहिए।
Any further correspondence in connection with the contract should normally be addressed to the Engineer in- Charge.

8. कृपया प्राप्ति की सूचना दें तथा इस पत्र की प्रतिलिपि संलग्न करके हस्ताक्षर करने के पश्चात स्वीकृति के प्रतीक के रूप में नीचे हस्ताक्षरकर्ता को लौटा दें।

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.

संलग्नक: अनुसूची - 'ए'

Enclosure: Schedule 'A'

भवदीय

Your faithfully

Air
13/06/2025

वरिष्ठ प्रबंधक (इंजीनियरिंग-सिविल)-II

Sr. Manager (Engg-Civil)-II

एमवीआई एयरपोर्ट, अयोध्या

MVI Airport Ayodhya

अध्यक्ष महोदय की ओर से,

For and on behalf of the Chairman

भारतीय विमानपत्तन प्राधिकरण

Airports Authority of India

Schedule 'A'

Government eProcurement System
Created By: Mayank Jain
Created Date/Time: 01-May-2025 01:25 PM
Tender Title: Construction of New Operational Boundary wall and perimeter Road to provide access to Existing Administrative block from city side and Link road to Fire Pit at MVI Airport Ayodhya
Tender ID: 2025_AAI_230461_1

Tender Inviting Authority: Sr. Manager@

Name of Work: Construction of New Operational Boundary wall and perimeter Road to provide access to Existing Administrative block from city side and Link road to Fire Pit at MVI Airport Ayodhya

Contract No: 2025_AAI_230461_1

SCHEDULE OF WORK / ITEM(S)						BIMAL TECHNOCRATS (GSTN-NA) BID ID -841781	
Sl.No	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate		Rate	Amount
1.00	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 for all lift, as directed by Engineer-in-charge.	1147.00	cum	1.00		63.00	72281.00
2.00	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.	812.00	cum	1.00		106.00	86072.00
3.00	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)	172.00	cum	1.00		4170.00	717240.00
4.00	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Foundations, footings, bases of columns, etc. for mass concrete	476.00	Sqm	1.00		330.00	157080.00
5.00	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Columns, Pillars, Piers, Abutments, Posts and Struts	1147.00	Sqm	1.00		330.00	378510.00
6.00	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Lintels, beams, plinth beams, girders, bressumers and cantilevers	1259.00	Sqm	1.00		330.00	415470.00
7.00	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	196.00	Sqm	1.00		370.00	72520.00
8.00	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.*All works upto plinth level. Note :- 1. Cement content considered in this item is @ 330 kg/cum.*Excess/ less cement used as per design mix is payable/recoverable separately as per Note 2. 2. Mix Design shall be provided by AAI. The trial mix of mix design to be carried out at site. In case of any deviation, Modified Design Mix to be provided by agency duly vetted by IIT/NIT. Nothing extra shall be paid on account of this. However, If the actual quantity of cement required as per modified laboratory mix design varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of cement as per mix design, if any, shall be done as per the rate of cement in actual supply voucher (excluding GST) from manufacturer/authorized dealer at the time of execution. In the case of authorized distributor the rate may be authenticated by the manufacturer.	280.00	Cum	1.00		6010.00	1682800.00
9.00	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.*All works above plinth level upto floor V level. (Note: 1. Cement content considered in this item is @ 330 kg/cum.*Excess/ less cement used as per design mix is payable/recoverable separately as per Note 2. 2. Mix Design shall be provided by AAI. The trial mix of mix design to be carried out at site. In case of any deviation, Modified Design Mix to be provided by agency duly vetted by IIT/NIT. Nothing extra shall be paid on account of this. However, If the actual quantity of cement required as per modified laboratory mix design varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of cement as per mix design, if any, shall be done as per the rate of cement in actual supply voucher (excluding GST) from manufacturer/authorized dealer at the time of execution. In the case of authorized distributor the rate may be authenticated by the manufacturer.	84.00	Cum	1.00		6110.00	513240.00
10.00	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 Fe-500D or more.	34984.00	Kg	1.00		70.00	2448980.00
11.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500 D or more.	10495.00	Kg	1.00		70.00	734650.00
12.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	280.00	Cum	1.00		4700.00	1316000.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	BIMAL TECHNOCRATS (GSTN-NA) BID ID - 841781	
					Rate	Amount
13.00	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	181.00	Cum	1.00	4700.00	850700.00
14.00	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	3075.00	Kg	1.00	75.00	230625.00
15.00	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	1466.00	Sqm	1.00	170.00	249220.00
16.00	15 mm cement plaster on the rough side of single or half brick wall of mix :1:6 (1 cement: 6 fine sand)	1466.00	Sqm	1.00	160.00	234560.00
17.00	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	1526.00	Sqm	1.00	150.00	228900.00
18.00	Finishing walls with Acrylic Smooth exterior paint of required shade: New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	4382.00	Sqm	1.00	145.00	635390.00
19.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	104.00	Sqm	1.00	150.00	15600.00
20.00	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	1041.00	Metre	1.00	750.00	780750.00
21.00	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	6000.00	Kg	1.00	72.17	432990.00
22.00	Extra for lead/carriage beyond initial lead as per basic item for disposal of excavated Earth by mechanical means to a location within airport premises or as approved by Engineer-in-charge for each km and part thereof.	10278.00	cum	1.00	125.00	1284750.00
23.00	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	1.00	cum	1.00	750.00	750.00
24.00	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. In cement mortar	5.00	cum	1.00	509.40	2547.00
25.00	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. (a) Nominal concrete 1:3:6 or richer mix (including equivalent design mix)	10.00	cum	1.00	849.00	8490.00
26.00	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. (b) Nominal concrete 1:4:8 or leaner mix (including equivalent design mix)	5.00	cum	1.00	849.00	4245.00
27.00	Dismantling barbed/Concertina wire(PBT/RBT) in fencing including making rolls and stacking within 50 metres lead.	16.00	Kg	1.00	20.00	320.00
28.00	Removing and refixing of concertina coil & RBT/barbed wire on pre cast boundary wall as per direction and satisfaction of EIC. (Note:-Damaged coil during removing/refixing to be replaced at the cost of Agency Measurement will be considered - Removing & refixing as one unit and based on span of removed Coil only.)	100.00	Metre	1.00	35.00	3500.00
29.00	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in: a)Channels, angles, tees and flats	125.00	Kg	1.00	20.00	2500.00
30.00	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.	21.00	cum	1.00	125.00	2625.00
31.00	Painting AAI logo of size 450 x 750mm (logo shall be painted in blue colour as per drawing) on AAI perimetre boundary wall with synthetic enamel paint of approved brand of required colour to give an even shade using cutting stencil of acrylic sheet/SS sheet , all complete as per satisfaction and direction of Engg-in-charge. Note:- After completion of work one stencil of acrylic sheet of 12mm thick or Stainless steel of 02 mm thick in good condition to be submitted to AAI and nothing will be paid extra on this account.	45.00	Each	1.00	1050.00	47250.00
32.00	Fabrication and manufacturing of solid precast concrete elementwith provisions of shear keys, connecting loops, dowel tubes and proper lifting accessories for walls, beams, slabs, stairs, column etc, of various thickness, shape and size of different concrete grades manufactured in controlled factory environment with approved methodology including moulds (Pallet system, Tilts form, tablemoulds, battery moulds, vertical moulds, beam moulds, columnmoulds, staircase moulds, Facade mould, etc.), mixing, transportingand placing of concrete, vibrating, curing, finishing, making necessarycutout/holes of required sizes for services, yard handling & stackingall complete as per IS 11447:1985 and as per approved shop drawingsand design mix as per the direction of Engineer-in-Charge (Cost of reinforcement, Mechanical, Electrical and Plumbing inserts will be paid separately). a)Concrete grade M-35 (Cement content 370 kgs)	3.00	Cum	1.00	6367.50	19102.50

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Sl.No	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	BIMAL TECHNOCRATS (GSTN-NA) BID ID -841781	
					Rate	Amount
33.00	Providing & laying in position Prestressing steel strands (low relaxation) on hollow core bed by using mechanical pulling arrangement like Rabbit/ Bed master including all accessories for Stressing & destressing operations as per approved make conforming to IS1343 & grade FY-1860 etc. complete as per drawings and direction of Engineer-in-charge.	60.00	Kg	1.00	80.66	4839.30
34.00	Transportation of Precast Elements by flat bed Trailer (Double / Triple axle 40ft Length with proper accessories like a frame etc) from factory, including the cost of loading, unloading & stacking at site with the help of required capacity cranes. a) Lead within 15km	115.00	MT	1.00	1250.00	143750.00
35.00	Add/Deduct over item 34 for every additional lead of 5 km and part thereof.	115.00	MT	1.00	350.00	40250.00
36.00	Erection & Installation of Precast/Prestressed Concrete elements in correct & final position with proper line level and plumb at site making all arrangements (i.e. cranes, push-pull jacks & all another T & P for lifting Placing & Alignment of elements, within erection tolerance as per IS 15916 as per approved shop drawings and all complete as per the direction of Engineer-in-Charge but excluding the cost of simpads, non shrink grout and steel works i.e. hangers. All work up to fifth floor. a) Solid concrete wall elements	3.00	Cum	1.00	7768.35	23305.05
37.00	Removing/Erection & Installation of Precast/Prestressed Concrete elements in correct & final position with proper line level and plumb at site making all arrangements (i.e. cranes, push-pull jacks & all another T & P for lifting Placing & Alignment of elements, within erection tolerance all complete as per the direction of Engineer-in-Charge but excluding the cost of simpads, non shrink grout and steel works i.e. hangers. All work up to fifth floor. a) Solid concrete wall elements (Note:-Removing or Erection will be considered as one Unit & rejected elements to be shifted to AA1 store within Airport premises.)	100.00	Each	1.00	773.00	77300.00
38.00	Providing and erecting 2.0 metre high temporary barricading at site; each panel of size 2.50mx2.0m made of 40x40x6mm angle iron or 50x50x3mm hollow MS tube posts/horizontal members/bracings covered with 1.63mm thick MS sheet. The sheet shall be fixed with 30x5mm MS flat by suitable welding/riveting. The panels shall be made so that gap of 5cm above the ground is available making overall height as 2.05m. MS channel ISLC 75 @ 5.70 kg/m, 50cm long shall be provided at the bottom having oval shaped holes of size 50x25mm at both ends with 50cm long MS angle 40x40x6mm bracing. Suitable arrangement shall be made to fix the barricading to avoid from overturning by providing 250mm long expansion fasteners at both ends. Work will also include the Concertina coil fencing 600 mm dia above the barricading over U shaped angle Iron Post of Height 45 cm & provision of openable gates in barricading as and where required. The work shall be executed as per drawing/direction of Engineer-in-Charge which includes writing and painting, arrangement for traffic diversion such as traffic signals during construction at site for day and night, glow lamps, reflective signs, marking, flags, caution tape as directed by the Engineer-in-Charge. The barricading provided shall be retained in position at site continuously i/c shifting of barricading from one location to another location as many times as required during the execution of the entire work till its completion. Rate include its maintenance for damages, painting, all incidentals, labour materials, equipments and works required to execute the job. The barricading shall not be removed without prior approval of Engineer-in-Charge. (Note :- One time payment shall be made for providing barricading from start of work till completion of work i/c shifting. The barricading provided shall remain to be the property of the contractor on completion of the work).	15.00	Metre	1.00	424.50	6367.50
39.00	Excavation for road work/Apron/Taxi in all kind of Soil (except rock) with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slope, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment locations within airport premises i/c all lifts and lead upto 1 km. (Note:-Clearing and grubbing of site is included in the item)	2980.00	Cum	1.00	63.67	189751.50
40.00	Consolidation of Sub-Grade with road roller of 8 to 12 tonne capacity including making good the undulation etc. with earth or quarry spoils etc. and re-rolling the sub-grade all complete as per satisfaction of EIC.	6280.00	Sqm	1.00	33.96	213268.80
41.00	Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures, graded and compacted under optimum moisture conditions to give at least 95% of the dry density (proctor density). (Note:-Item includes the transportation cost for shifting of Earth from embankment locations within Airport premises as required. Design of dry density at OMC is inclusive with this item.)	1176.00	Cum	1.00	128.00	150528.00
42.00	Construction of granular sub-base by providing close graded Material (crushed aggregate) 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 II (size range 53 mm to 0.075 mm) having CBR Value-25. (Note:-Cost of Design Mix and dry density at OMC is included in this Item)	882.00	Cum	1.00	2290.00	2019780.00
43.00	Providing, laying, spreading and compacting graded crushed 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 mechanical mix plant, carriage of mixed material by tipper to site, 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. (Note:-Cost of Design Mix and dry density at OMC is included in this Item)	757.00	Cum	1.00	2310.00	1748670.00

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Sl.No	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	BIMAL TECHNOCRATS (GSTN-NA) BID ID - 841781	
					Rate	Amount
44.00	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 Engineer-in-charge. Note :- (i) Cost of Mix design is included in this Item ii) For the purpose of tendering, the quantity of cement used for one Cum. of finished concrete may be assumed as 150 Kg. If the actual quantity of cement required as per laboratory mix design varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of cement as per mix design, if any, shall be done as per the rate of cement in actual supply voucher (excluding GST) from manufacturer/authorized dealer at the time of execution. In the case of authorized distributor the rate may be authenticated by the manufacturer.	588.00	Cum	1.00	3180.00	1869840.00
45.00	Providing and laying Pavement Quality Concrete (PQC) produced in a batching and mixing plant/Mobile Concre Mixer (Ajax or equivalent) having a Characteristic flexural strength i.e. flexural strength of 4.1 MPa at 28 days using Ordinary Portland cement of 43/53 grade/PPC grade conforming as per relevant IS codes, to be mixed at site, with 0.5% Super plasticizer by mass of cementitious material, fine aggregate, graded stone aggregates of 40 mm nominal size in appropriate proportion as per specification and job mix formula, laid in panels as per drawings/design as approved by the Engineer-In-Charge using Slip Form Paver or Fixed form paver / Screed including anti friction layer, joint filler board, making necessary provision for expansion, dummy and construction joint including filling with Polysulphide sealant of approved make, curing and making profile, complete as per direction of Engineer-in-Charge and specifications. The item for execution shall include all operations making pavement for intended use but not limited to following: (i) Polyethylene sheet (White in color) of thickness 400 micron conforming to IS: 2508 with 6mm thick fine sand layer. (Inclusive) (ii) 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). -To be paid separately (iii) Mechanically cutting dummy joints 3mm wide x 1/3rd thickness of slab which is subsequently widened to 10mm for the top 25mm depth and construction joints 10mm wide x 25mm deep as per specification. (Inclusive) (iv) Providing and laying in position Polysulphide sealant of approved make conforming to BS-5212-1990 or IS: 11433-1995 in expansion/construction / dummy 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. as per the details below: (a) Expansion Joints of size 25 mm wide and 10 mm deep over 30mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A'. -To be paid separately (b) Construction Joints of size 10 mm wide and 10 mm deep over 12mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A'. (Inclusive) (c) Dummy Joints of size 10 mm wide and 10 mm deep over 12 mm dia expanded closed-cell Polyethylene foam back-up/backer rod of minimum density 22 Kg/Cum, as per manufacturer's specifications and sketch at Appendix-'A'. (Inclusive) (v) Making profile as per DGCA CAR, panel drawing showing dummy, construction, expansion joints location. (Inclusive) Note: (i) Areas inaccessible to paving equipment shall be constructed by manual/hand guided method. Areas in which manual/hand guided methods of construction become indispensable shall be got approved by the Engineer-in-Charge in writing in advance. (ii) The quantity of cement, type of cement and super plasticizer for one Cum. of finished concrete specified are for tendering purpose only. The contractor shall quote his rates assuming quantity of OPC cement as 356 Kg/Cum or 400 Kg of Portland Pozzolana Cement/ Portland Slag cement. In addition, if the actual quantity of cement & super plasticizer required as per laboratory mix design varies from the quantity assumed above, necessary cost adjustment for deviation in the quantity of cement and super plasticizer as per mix design, if any, shall be done as per the rate of cement and super plasticizer in actual supply voucher from manufacturer/authorized dealer at the time of execution. In the case of authorized distributor, the rate may be authenticated by the manufacturer. The rate of cement and super plasticizer exclusive of GST shall only be considered for payment. (iii) Cost of Desin Mix is included in the Item even if the design is shared by AAI, same is to be rechecked at approved lab before execution.	1176.00	Cum		6392.00	7516992.00
46.00	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 :300mm dia. R.C.C. pipe	48	mtr	1	450	21600
47.00	Painting runway/taxi track/apron/perimeter road marking with adequate nos of coats to give uniform finish with road marking paint of superior make conforming to IS -164 and 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)	322.00	Sqm	1.00	178.29	57409.38

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	BIMAL TECHNOCRATS (GSTN-NA) BID ID -841781	
					Rate	Amount
48.00	Supplying and stacking of good earth at site including royalty and carriage from outside of AAI premises all complete using Hydraulic Excavator. (Earth measured in stacks will be reduced by 20% for payment).	100	Cum	1	594.3	59430
49.00	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, 45mm from top (to be removed at the time of filling of Polysulphide sealant), complete as per particular specifications and direction of Engineer-in-Charge. (Note:- Mode of measurement shall be length of joint multiplied by depth of filler board including pre-cut portion).	30.00	sqm	1.00	976.35	29290.50
50.00	Providing and laying in position Polysulphide sealant of approved make conforming to BS-5212-1990 or IS:11433-1995, in expansion joint 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. a) Expansion joints of size 25mm wide and 10mm deep over 30mm dia closed -cell Polyethylene foam backup-rod, as per manufacturer's specifications and sketch at Appendix'A'. (Note:- For purpose of payment, quantity (Length x Width x Depth) of Polysulphide sealant only will be measured.)	37500.00	cucm	1.00	1.00	37500.00
51.00	Providing of Auto level of approved make (Model -NA324-Leica/model-B40 A-Sokkia/Model-ATB4A-topcon) or Equivalent complying the following specifications - objective aperture- min 32 mm,magnification -24X,accuracy(standard deviation for 1 km double leveling (ISO 17123-2) -max 2.0 mm,setting accuracy(SD) max 0.5",working range+-15',water resistance-IPX6(IEC60529:2001),operating Temperature -200 to 400 with calibration certificate as per manufacturer terms and conditions along with one Tripod with fast clamps of make leica or equivalent and Two nos Aluminium Telescopic Level staff of 5M of Leica make or equivalent all complete as per satisfaction of EIC.	1.00	One Job	1.00	40000.00	40000.00
52.00	Providing of 3 meter in length anodised Aluminium Straight Edge with Wedge i/c calibration certificate all complete as per satisfaction of EIC.	1.00	One Job	1.00	4245.00	4245.00
53.00	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. a)80 mm thick C.C. paver block of M-35 grade with approved colour design and pattern.	390.00	Sqm	1.00	435.00	169650.00
54.00	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing all complete.	9.00	Cum	1.00	1050.00	9450.00
55.00	Providing and laying Non Pressure NP-3 class (Medium 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 a)1000 mm dia RCC pipes. (Laying by manual/ mechanical means)	13.00	Metre	1.00	1900.00	24700.00
56.00	Providing Engineering Consultancy services for a.) Construction of RCC Operational boundary wall as per AAI specifications and TI 105 R. (Sample drawing for Tender purpose is enclosed in Tender document) Note:-Consultant to provide all details wrt structural design/drawing, architectural drawing and Bar bending Schedule etc. wherever necessary. The bearing capacity of soil is to be calculated i/c soil testing (minium three locations) at site and at desired depth (upto 4 mts) as per the instructions of EIC. All design calculations/drawings are to be vetted by NIT/IIIT and soft copies i/c autocad drawings & stadpro input and output data. During execution any other drawings related to above specified works essential for successful execution of works etc all complete as per satisfaction of EIC. Nothing Extra will be paid on account of visit of Consultant and his supervision work as and when required. Soil test report should be submitted in proforma as approved by EIC.	1.00	Job	1.00	65000.00	65000.00

Total In Figures

28152454.53

Lowest Amount Quoted BY: BIMAL TECHNOCRATS(28152454.53)

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Sr. Manager (E-c).