

AAI/CBE/AGM (ENGG-C)/W-20/22-23/ 4295

Date: 17.06.2022

// BY SPEED POST //

सेवामें / To

सुमन फैब्रिकेटर्स अंड कंट्राक्टर्स / Suman Fabricators and Contractors,
डी/D-228, जी.आई.डी.सी इंडस्ट्रियल एस्टेट / GIDC Industrial Estate,
जुआरी नगर, (पी. ओ) / Zuari Nagar, (PO),
संकोल / Sancoale,
गोवा / Goa: 403726.

Name of work: कोयम्बटूर अंतरराष्ट्रीय हवाई अड्डे पर ए / आर एंड एम / ओ सिविल कार्य, उ.शी: वर्ष 2022-23 और 2023-24 के लिए संचालन क्षेत्र में सिविल रखरखाव के लिए वार्षिक रखरखाव अनुबंध काम करता है / "A/R & M/O Civil Works during 2022-'23, 2023-'24 at Coimbatore International Airport. SH: Annual Maintenance Contract for civil works in Operational Area and Fire station."

Reference: Your Tender for the above work opened on Dated 27.05.2022. (Tender ID No: 2022_AAI_113903_1)

महोदय / Dear Sir,

- आपके द्वारा उपर्युक्त डीएसआर 2018 और अतिरिक्त विविध मदों के लिए अनुसूची 1-66 (अनुसूची-ए) के अनुसार रू. 90.00 लाख का, जो 6% प्रतिशत द्वारा उधृत किया गया है, उस ई-निविदा को अध्यक्ष, भा.वि. प्रा. द्वारा उपर्युक्त कार्य के लिए स्वीकृत किया गया है। Your e-tender for the work mentioned above is accepted on behalf of the Chairman, Airports Authority of India, at the percentage rates quoted by you which is 6% (Six Percentage) above DSR 2018 and additional miscellaneous items 1-66 as per the schedule (Schedule-A) for an amount of Rs. 90.00 Lakhs. (12.06% below justification amount)
- संयुक्त महा प्रबंधक (इंजी-सिविल), एएआई, कोयम्बटूर इंटरनेशनल एयरपोर्ट कार्य के इंजीनियर-इन-चार्ज होंगे। आपसे अनुरोध है कि आप जेटी के कार्यालय में उपस्थित हों। समझौते पर हस्ताक्षर करने और उसे पूरा करने के लिए संयुक्त महा प्रबंधक (इंजी-सिविल), एएआई, कोयम्बटूर एयरपोर्ट 27.06.2022 तक। अनुबंध समझौते को रुपये के मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा। 100.00 (रुपए केवल सौ) और स्टाम्प पेपर की कीमत आपके द्वारा वहन की जाएगी। Joint General Manager (Engg-Civil), AAI, Coimbatore International Airport, shall be the Engineer-in-charge of the work. You are requested to attend the office of the Joint General Manager (Engg-

☎: 0422 - 2571941/ 2571956; ☎: 2592384 / 2573223

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Civil), AAI, Coimbatore International Airport, Coimbatore Before 27.06.2022 to sign and complete the Agreement. The Contract Agreement shall be executed on a non-judicial stamp paper of value of Rs.100/- (Hundred) and the cost of the stamp paper shall be borne by you.

3. अनुबंध दस्तावेज के खण्ड सं 1A के पृष्ठ सं NIT-36 के अनुसार रू. 1,80,000/- के साथ प्राप्त निविदा को सुरक्षा जमा राशि के रूप में बदल दिया जाएगा। अनुबंध दस्तावेज के खण्ड सं 1A के पृष्ठ सं NIT-36 के अनुसार कृपया इस कागजात के जारी के 10 दिन के अंदर रू. 7,20,000/- रूपए को सुरक्षा जमा राशि के रूप में जमा करें, अगर जमा नहीं किया तो चालू बिलों से उपर्युक्त राशि की कटौती की जाएगी। The Earnest money amount of Rs. 1,80,000 /- (Rupees One Lakhs Eighty Thousand Only) received along with your tender has been converted as part of Security Deposit as per clause no 1A on page NIT-36 of the contract document. Please deposit Rs.7,20,000/- (Rupees Seven Lakhs Twenty Thousand Only) towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted as per clause no 1A on page NIT-36 of the contract document.
4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 और न्यूनतम मजदूरी अधिनियम और केंद्र और राज्य सरकार के नियमों के प्रावधानों का पालन 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 and Minimum Wages Act & Rules there of Central and State Governments.
5. आपको सहायक जनरल मैनेजर (इंजी-सिविल) एएआई, कोयंबटूर अंतरराष्ट्रीय हवाई अड्डे से तुरंत संपर्क करने का भी निर्देश दिया जाता है, जो आपको साइट सौंपने की व्यवस्था करेंगे। कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय 24 माह होगा, जिसकी गणना 27.06.2022 से की जाएगी। You are also directed to contact the AGM(E-C) immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work shall be 24 (Twenty-Four) Months and the same shall be reckoned from 10th day after issue of this letter.
6. अनुबंध के संबंध में अन्य पत्राचार के लिए संयुक्त महा प्रबंधक (इंजी-सिविल), भा.वि.प्रा.कोयंबटूर अंतरराष्ट्रीय हवाईअड्डा का संबोधन करें। / Any further correspondence in connection with this contract should normally be addressed to the Joint General Manager (Engg- Civil), AAI, Coimbatore International Airport.

7. कृपया पावती भेजें और यहां संलग्नित पत्र को हस्ताक्षर के बाद उसके प्रतिलिपि को अधोहस्ताक्षरी को प्राप्ती के तौर पर भेजें। / 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.

भवदीय / Yours faithfully,

S. Ravichandran

(एस. रविचंद्रन / S. RAVICHANDRAN)

संयुक्त महा प्रबंधक (इंजी-सिविल) / Joint General Manager (Engg-Civil)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
कोयंबतूर अंतर्राष्ट्रीय हवाई अड्डा / Coimbatore International Airport
कोयंबतूर / Coimbatore- 641 014.

AAI/CBE/AGM (ENGG-C)/W-20/22-23/

Date: 17.06.2022

FORM - III

Under rule of 21(2) of the Contract Labour (Regulation & Abolition) Central Rules, 1971 & rule 7(3) of the Inter – State Migrant Workmen (Regulation of Employment and Conditions of Service) Central Rules 1980.

FORM OF CERTIFICATE BY PRINCIPAL EMPLOYER

Certified that:

- 1). I have engaged the applicant M/s. Suman Fabricators and Contractors, GIDC Industrial Estate, Zuari Nagar, (PO), Sancoale, Goa:403726 as a contractor in my establishment for the work of "A/R & M/O Civil Works during 2022-'23, 2023-'24 at Coimbatore International Airport. SH: Annual Maintenance Contract for civil works in Operational Area and Fire station".
- 2). I undertake to be bound by all the provisions of the Contract Labour (Regulation & Abolition) Act 1970 (37 of 1970) and the Contract Labour (Regulation & Abolition) Central Rules 1971 / the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Central Rules 1980 in so far as the provisions are applicable to me in respect of the employment of Contract Labour / Inter State- Migrant Workmen by the applicant in my establishment.
- 3). The engagement of contract labour in the said work is not prohibited under sub-section of section 10 of the Contract Labour (Regulation & Abolition) Act 1970 (37 of 1970) or an award or a settlement.

S. P. Singh

Signature of Principal Employer

(ENGINEER-IN-CHARGE) - CIVIL

संयुक्त महा प्रबंधक (इंजी-सिविल)/ Joint General Manager (Engg-Civil)

भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India

कोयंबतूर अंतर्राष्ट्रीय हवाई अड्डा / Coimbatore International Airport

कोयंबतूर / Coimbatore- 641 014.

Principal Employer Regn No: R.02/2013-A/M Dt 18.02.2013.

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Name of work : A/R & M/O Civil Works during 2022-'23, 2023-'24 at Coimbatore International Airport

SH: Annual Maintenance Contract for civil works in Operational Area and Fire station.

**All DSR 2018 Items
and
Additional Items from Item No. 01 to Item No. 66**

Item No.	Item Description	Unit	Rate Rs. Ps.
	<u>Sub head I - Schedule DSR 2018</u> <u>All DSR 2018 schedule items (with upto date correction slip)</u>	DSR 2018 Units	DSR 2018 rates
	<u>Sub head II - Schedule Items other than DSR 2018</u>		
1	Random rubble masonry with available hard stone, issued by department free of cost at various stacked locations in operational area, in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with: Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	3724.47
2	Random rubble masonry with available hard stone, (issued by department free of cost at various stacked locations in operational area), in superstructure above plinth level and up to floor five level, levelling up with cement concrete 1:6:12 (1 cement: 6 coarse sand: 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like. Cement mortar 1:6 (1 cement: 6 coarse sand)	cum	5154.14
3	Providing & fixing weep holes in the masonry wall of any width at an inclination of 25° or more (upward slope towards city side/ soil side of retaining wall) using 110 mm (4") un-plasticized Rigid PVC (4 kgf) pipes conforming to IS : 13592 Type A, including cutting masonry work and fixing in cement mortar 1:6 (1 cement : 6 coarse sand) and making good the wall etc. complete of approved quality .	metre	335.87
4	Cleaning of choked/blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully traps, EWC, IWC, Wash basin, kitchen sink, bottle traps, floor traps, house drain, storm water drain etc. of any diameter and size including removal of malba as directed by Engineer-in-charge. Building side drain (open)	metre	9.20
5	Cleaning of choked/blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully traps EWC, IWC, Wash basin kitchen sink, bottle traps, floor traps, house drain, storm water drain etc. of any diameter and sizes i/c removal of drain cover, cleaning of drain, removal of malba, grass and any other vegetation etc., replacing the drain covers in place etc. complete as directed by Engineer-in-charge. Building/ Runway/ Taxiway side drain (closed)	metre	40.33

Item No.	Item Description	Unit	Rate	
			Rs.	Ps.
6	Cleaning of choked/blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully traps EWC, IWC, Wash basin kitchen sink, bottle traps, floor traps, house drain, storm water drain etc. of any diameter and sizes i/c removal of malba as directed by Engineer-in-charge. Storm water Drain (Roadside)	metre	34.23	
7	Cleaning of choked/blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully traps EWC, IWC, Wash basin kitchen sink, bottle traps, floor traps, house drain, storm water drain etc. of any diameter and sizes i/c removal of malba as directed by Engineer-in-charge. Storm water drain (Runway side)	metre	23.53	
8	Cleaning of underground water tanks/surface water tanks and removal of malba and disinfecting the tank with bleaching powder as directed by the Engineer-in-Charge. For 50,000 litre capacity tank	each	5382.03	
9	Cleaning of underground water tanks/surface water tanks and removal of malba and disinfecting the tank with bleaching powder as directed by the Engineer-in-Charge. For 1,00,000 litre capacity tank	each	7673.82	
10	Cleaning of GI/MS/Masonry/Sintex overhead water tanks including removal of malba and disinfecting the tank with bleaching powder as directed by the Engineer-in-Charge. Up to 1000 litre capacity tank	each	605.24	
11	Cleaning of GI/MS/Masonry/Sintex overhead water tanks including removal of malba and disinfecting the tank with bleaching powder as directed by the Engineer-in-Charge. Above 1000 litre, up to 5000 litre capacity tank	each	2130.65	
12	Cleaning of GI/MS/Masonry/Sintex overhead water tanks including removal of malba and disinfecting the tank with bleaching powder as directed by the Engineer-in-Charge. Above 5000 litre, up to 10,000 litre capacity tank	each	5282.02	
13	Cleaning of GI/MS/Masonry/Sintex overhead water tanks including removal of malba and disinfecting the tank with bleaching powder as directed by the Engineer-in-Charge. Above 10000 litre and up to 50000 litre capacity tank	each	6775.08	
14	Providing and fixing 1/2" dia health faucet (Cera or equivalent) with wall hook and flexible tube up to 1 metre long of quality and make as approved by Engineer - in - charge.	each	847.09	
15	Providing and fixing CP brass pillar cock of approved make and quality conforming to IS standards for wash basin. 15mm nominal bore	each	622.04	

Item No.	Item Description	Unit	Rate	
			Rs.	Ps.
16	Providing and fixing un-plasticized Rigid PVC (10 kgf) pipes conforming to IS :4985 complete with fittings in water line etc. complete. The rate is inclusive of cutting, finishing, jointing of pipes & fittings with one step UPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. etc., with required slope as per the direction of Engineer-in-charge. 20mm outer dia	metre	70.37	
17	Providing and fixing un-plasticized Rigid PVC (10 kgf) pipes conforming to IS: 4985 complete with fittings in water line complete. The rate is inclusive of cutting, finishing etc., with required slope as per the direction of Engineer-in-charge. 25mm outer dia	metre	108.18	
18	Providing and fixing un-plasticized Rigid PVC (10 kgf) pipes conforming to IS: 4985 complete with fittings in water line complete. The rate is inclusive of cutting, finishing etc., with required slope as per the direction of Engineer-in-charge. 32mm outer dia	metre	150.69	
19	Providing and fixing un-plasticized Rigid PVC (10 kgf) pipes conforming to IS: 4985 complete with fittings in water line complete. The rate is inclusive of cutting, finishing etc., with required slope as per the direction of Engineer-in-charge. 40mm outer dia	metre	224.00	
20	Providing and fixing un-plasticized Rigid PVC (10kgf) pipes conforming to IS: 4985 complete with fittings in water line complete. The rate is inclusive of cutting, finishing etc., with required slope as per the direction of Engineer-in-charge. 50mm outer dia	metre	339.02	
21	Providing and fixing un-plasticized Rigid PVC (10 kgf) pipes conforming to IS: 4985 complete with fittings in water line complete. The rate is inclusive of cutting, finishing etc., with required slope as per the direction of Engineer-in-charge. 63mm dia	metre	524.28	
22	Providing and fixing un-plasticized Rigid PVC (10 kgf) pipes conforming to IS: 4985 complete with fittings in water line. complete. The rate is inclusive of cutting, finishing etc., with required slope as per the direction of Engineer-in-charge. 75 mm inner dia	metre	700.55	
23	Providing and fixing un-plasticized Rigid PVC (10 kgf) pipes conforming to IS: 4985 complete with fittings in water line. complete. The rate is inclusive of cutting, finishing etc., with required slope as per the direction of Engineer-in-charge. 90 mm inner dia	metre	993.26	

Item No.	Item Description	Unit	Rate	
			Rs.	Ps.
24	Providing and fixing un-plasticized Rigid PVC (10 kgf) pipes conforming to IS: 4985 complete with fittings in water line complete. The rate is inclusive of cutting, finishing etc., with required slope as per the direction of Engineer-in-charge. 110 mm nominal inner dia	metre	1504.72	
25	Providing and fixing UPVC pipes (Schedule 80), having thermal stability for water supply including all plain & brass threaded fittings. This includes jointing of pipes & fittings with one step solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 50 mm nominal inner dia pipes.	metre	946.14	
26	Providing and fixing UPVC pipes (Schedule 80), having thermal stability for water supply including all plain & brass threaded fittings. This includes jointing of pipes & fittings with one step solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 65 mm nominal inner dia pipes.	metre	1408.72	
27	Providing and fixing UPVC pipes (Schedule 80), having thermal stability for water supply including all plain & brass threaded fittings. This includes jointing of pipes & fittings with one step solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 80 mm nominal inner dia pipes.	metre	1819.46	
28	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. 65 mm dia nominal bore	metre	1706.95	
29	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. 80 mm dia nominal bore	metre	2067.69	
30	Providing and fixing gun metal ball valve with lever of approved quality(screwed end): 25 mm nominal bore	each	850.48	
31	Providing and fixing gun metal ball valve with lever of approved quality(screwed end): 40 mm nominal bore	each	2855.39	
32	Providing and fixing Sunshade green net, over existing structural steel grid in Nallah portion, provided for protection from bird hazard, complete as per direction of EIC.	Sqm	48.02	
33	Providing and fixing CPVC ball valve with lever of approved quality(screwed end): 50 mm nominal bore	each	1153.41	
34	Providing and fixing CPVC ball valve SOC with lever of approved quality(screwed end): 65 mm nominal bore	each	2412.75	
35	Refixing of Available Structural steel in built up sections, trusses and framed work, including hoisting, fixing in position with old structural steel as dismantled complete as per the direction of EIC	kg	8.03	
36	Providing and fixing CPVC ball valve SOC with lever of approved quality(screwed end): 80 mm nominal bore	each	4951.06	

Item No.	Item Description	Unit	Rate	
			Rs.	Ps.
37	Providing and fixing CPVC union of approved quality 50 mm nominal bore	each	673.15	
38	Providing and fixing CPVC union of approved quality 25 mm nominal bore	each	148.06	
39	Providing and fixing CPVC union of approved quality 40 mm nominal bore	each	375.38	
40	Providing and fixing pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.40 mm (+0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 MPa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length up to 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self-drilling / self-tapping screws of size (5.5 x 55 mm) with EPDM seal, complete up to any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required .JSW or equivalent	Sqm	452.83	
41	Providing and fixing glazing in structural steel, window, ventilator shutters and partitions etc. with silicone complete as per the architectural drawings and the directions of Engineer-in-charge: With float glass panes of 4.0 mm thickness	sqm	841.85	
42	Removal of paint on apron/ runway surface using low impact method like water jetting/ water blasting/ vacuuming system with suitable operating pressure so that the entire marking is removed and pavement surface texture and condition is kept intact or as directed by the EIC. The work shall also include application of chemical if required, cleaning, removing all paint particles, dirt, waste material etc. as per the direction of EIC.	sqm	286.44	
43	Carriage including loading and unloading to any lead and lift (within the operational area) and banking of Moorum issued by the department, (free of cost at stacked locations in operational area), in layers not exceeding 20 cm in depth, breaking clods, watering, rolling with power roller of minimum 8 tonnes and dressing up etc. along the edge of pavement or as directed by the EIC.	sqm	599.62	
44	Providing and operating road roller for levelling soil in the operational area including driver charges, fuel charges etc. complete. Note:-Minimum 4 working hours is required to be measured as a man day	day	15751.28	

Item No.	Item Description	Unit	Rate	
			Rs.	Ps.
45	Providing and operating the backhoe loader for levelling, cutting etc. in the operational area including transportation to and from the site of operation, fuel and driver charges and other incidental expenses on this account etc. as directed by the Engineer-in-Charge. (The payment will be based on the number of hours worked at the site.)	hour	1136.54	
46	Providing and operating the hydraulic excavator (3D) for levelling, cutting etc. in the operational area including transportation to and from the site of operation, fuel and driver charges and other incidental expenses on this account etc. as directed by the Engineer-in-Charge. (The payment will be based on the number of hours worked at the site.)	hour	2045.78	
47	Providing and operating tipper of capacity 5.50 cum for transporting soil and excavated rock from one location to another within the premises of the work site to level the site, including transportation to and from the site of operation, fuel and driver charges and other incidental charges on this account etc. as directed by the Engineer-in-charge. (The payment will be based on the no. of days worked at the site.) Note:-Minimum 4 working hours is required to be measured as a man day	day	14547.74	
48	Ploughing the soft ground arrester (SGA) layer of RESA (Runway end safety area) at Coimbatore International Airport, under watch and ward during lean period of operations and/ or runway maintenance closure NOTAM, in coordination with Air Traffic Control/ Operations department of AAI, for a depth up to 15cm in a direction perpendicular to the direction of aircraft movement on the runway, by deploying mechanical equipment like tractor/ tiller fitted with cultivator ploughing attachment. The item is inclusive of removal of all uprooted vegetation growth, red soil, moorum etc. visible at surface level post-ploughing of the SGA layer, breaking clods, lumps etc. by deploying required manpower, rejuvenating the SGA layer to the specified depth of 15cm from the compacted earth beneath by adding extra M-sand if required etc. complete as directed by the Engineer-in-charge. (Note: The ploughing and clearing of vegetation from one RESA will be considered as one job and the M-Sand used for refilling will be measured and paid for separately. The frequency of this operation will be based on the prevalent SOP in this regard.	job	6999.91	

Item No.	Item Description	Unit	Rate	
			Rs.	Ps.
49	Supply of M-Sand including loading, transportation to site, unloading and levelling for the soft ground arrester layer of RESA (Runway end safety area) at Coimbatore International Airport, under watch and ward during lean period of operations and/ or runway maintenance closure NOTAM, in coordination with Air Traffic Control/ Operations department of AAI, for a depth up to 15cm in compliance with the Civil Aviation Regulations and as per the direction of EIC. (The dumped sand should be levelled on the same day and no heaps above 15cm depth shall be visible on the RESA. The labour and equipment required for the same will be paid extra in corresponding additional items)	cum	1285.13	
50	Supply and stacking including loading, unloading and secure stacking at site 20 kg packs of Shalimastic RS TC (or equivalent) having 3 component (Component A (16 kg), Component B (3.20 kg) and Component C (0.80 kg) packed in one box , for filling of cracks, potholes of approved manufacture and brand as per the direction of engineer in charge. Note: A bag of 20kg of the above specifications will be measured as each for payment.	bag	2586.65	
51	Supply and stacking including loading, unloading and secure stacking at site polyurethane based primer used for ensuring better adhesion between old and new concrete for structural repair works like Shaliprime PUM or equivalent as per the direction of Engineer-in-charge	litre	487.52	
52	Supply and stacking including loading, unloading and secure stacking at site of three- component, cold applied, polymerized elastomeric concrete like Shalipatch EC or equivalent as per the direction of Engineer-in-charge with excellent adhesion to substrate, rapid curing and excellent resistance to chemical, oil, acids, alkalies, fuels and minerals for crack filling in concrete/ flexible roads and surface correction in concrete road/ pavement.	kg	409.16	
53	Supply and stacking including loading, unloading and secure stacking at site of fast setting high strength thixotropic roadway patching mortar Master Emaco S 650 or equivalent as per the direction of Engineer-in-charge in 25kg bags for horizontal repairs where the thickness of repair is more than 10mm and the patch will be subject to traffic loads and where rapid return to service is required.Note: A bag of 25kg of the above specifications will be measured as each for payment	bag	1079.71	

Item No.	Item Description	Unit	Rate	
			Rs.	Ps.
54	Supply and stacking including loading, unloading and secure stacking at site ready to use micro concrete composed of good quality special cement, graded aggregates & additives/ chemicals to produce a free flowing non shrink repair material used & designed for repairing of damaged reinforced concrete elements like columns, beams & structure where the areas are restricted or not easily accessible for proper placement of concrete using vibrator.	kg	28.31	
55	Supply and stacking including loading, unloading and secure stacking at site epoxy resin based structural bonding agent used for ensuring monolithic bond between old and new concrete for structural repair works like Shalibond concrete or equivalent as per the direction of Engineer-in-charge	kg	1094.62	
56	Cutting PQC surface to get a regular shape with straight edge using a cutting machine, dismantling the damaged portion of slab using mechanical device like compressor and/ or jack hammer etc. up to a depth of 40 cm as required at site, and as directed by EIC, preparing the surface by thorough cleaning, removing all loose particles and/ or dust etc. to receive the bonding agent, removing the dismantled material and rubbish etc. to the approved dumping location; lead up to 2km by mechanical means etc. complete as per the direction of EIC [The area of groove cut will be measured for payment purpose]	sqm	2751.44	
57	Laying of micro concrete after thoroughly mixing in the approved proportion of water, aggregate and micro concrete, mixing using mixing paddle/ speed drill mixer (300-400 RPM) in drum or other mechanical device after preparing the surface by thorough cleaning and wire brushing for removing all dust and loose particles, applying a priming coat of epoxy bonding agent like Cera bond EP or equivalent, and then laying mixed micro concrete in the cut portion up to a depth of 40 cm with necessary centering and shuttering for sides to restore the original shape of slab and curing all complete as per the manufacturers' specifications and as per the directions of EIC[The aggregate, epoxy bonding agent and micro concrete will be issued by department free of cost at various stacking yards in the operational area. The plan area of laid concrete will be measured in sqm for payment]	sqm	861.70	

Item No.	Item Description	Unit	Rate Rs. Ps.
58	Laying of cold applied, polymerized elastomeric concrete by mixing resin component and aggregate component thoroughly by using speed drill mixer (300-400 RPM) and then adding hardener component slowly ensuring complete dispersion by mixing for 2-3 minutes, applying a priming coat of suitable primer as per manufactures' specifications, pouring mixed material in to the cracks, finishing the surface with trowel and curing for at least 2 hours etc. complete as per manufacturers' specifications and as per the direction of Engineer-in-charge. [The resin component, aggregate component, hardener component and primer will be issued by department free of cost at various stacking yards within the operational area. The plan area of concrete pavement repaired/ patched with the above mix will be measured for payment]	sqm	708.40
59	Laying of Shalimastic RS TC supplied by department free of cost at various stacking yards within the operational area on the cracks found on the flexible pavement of the runway, taxiway, turning pad etc. during lean period of operations after removing loose gravel, dirt, oil, grease and foreign matter by jet of dry air, clearing all standing water in the area of application etc. The methodology of application shall be as per the technical specifications of the item and the specifications mentioned by the manufacturer for the same and as per the direction of Engineer-in-charge.	metre	18.84
60	Cleaning the terrace, floors, sunshade, gutters, concrete surface, paved surface etc. by sweeping and removing the waste material, silt, dust, fungus, debris, grass roots etc. to get neat surface and depositing the waste to lead up to 5 Km as directed by Engineer in Charge.	Sqm	2.03
61*	Providing unskilled/semi-skilled workers for temporary nature of works/works unsuceptible to measure as and when required including necessary T & P. (For e.g.. works like shifting of store/office, verification of annual stock, filling water in desert cooler, shifting of materials to prevent encroachment on AAI land, survey work and other misc. works as directed by the Engineer-in-charge). Unskilled labour/helper	Each	Minimum wages of Central/State Govt whichever is higher
62*	Providing unskilled/semi-skilled workers for temporary nature of works/works unsuceptible to measure as and when required including necessary T&P. (For e.g.. works like shifting of store/office, verification of annual stock, filling water in desert cooler, shifting of materials to prevent encroachment on AAI land, survey work and other misc. works as directed by the Engineer-in-charge). Semi-skilled labour/helper	Each	Minimum wages of Central/State Govt whichever is higher

Item No.	Item Description	Unit	Rate	
			Rs.	Ps.
63	Painting runway/taxi track/ apron marking mechanically/ manually to give uniform finish with road marking paint (water based) of superior make confirming to IS 164 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 Black paint (The paint consumption shall be not less than 1.66 Sqm /10 Sqm)	Sqm	43.48	
64	Painting runway/taxi track/ apron marking mechanically/ manually to give uniform finish with road marking paint (water based) of superior make confirming to IS 164 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 Red paint (The paint consumption shall be not less than 1.66 Sqm /10 Sqm)	Sqm	48.20	
65	Painting runway/taxi track/ apron marking mechanically/ manually to give uniform finish with road marking paint (water based) of superior make confirming to IS 164 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 White paint (The paint consumption shall be not less than 1.66 Sqm /10 Sqm)	Sqm	45.37	
66	Painting runway/taxi track/ apron marking mechanically/ manually to give uniform finish with road marking paint (water based) of superior make confirming to IS 164 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 ws Golden yellow paint (The paint consumption shall be not less than 1.66 Sqm /10 Sqm)	Sqm	44.99	

S. P. 100