

संदर्भ सं:- भा°वि°प्रा/रांची/वरि°प्र°(अभि°-सि°)/द्विवार्षिक (ऑप्स)/कार्यआदेश-२४/२०२४-२६ /E-545/1-9 दिनांक:- 29.02.2024
Ref. No.: - AAI/RC/SM(E-C)/Biennial (Ops)/W.O.- 24/2024-26/E-545/1-9 Date: -29.02.2024

सेवा में,

मेसर्स रमन कन्स्ट्रक्शन / M/s Raman Construction
रमन निवास, कुसई कॉलोनी / Raman Niwas, Kusai Colony
मास्टर कम्पाउण्ड, डोरंडा / Master Compound, Doranda
रांची, झारखंड - ८३४००२ / Ranchi, Jharkhand-834002

कार्य का नाम :- बि°मु°हवाई अड्डा रांची के परिचालन क्षेत्र में 2024-2025 और 2025-2026 के लिए द्विवार्षिक रखरखाव अनुबंध।(उपशीर्ष: न्यू टीबी & सीटी भवन , फायर स्टेशन, हैंगर, एमटी पूल, नव-एड्स, सीआईएसएफ बैरक, डॉग केनेल तथा अन्य सहायक भवन)।

Name of Work:- Biennial Maintenance Contract for Civil Works in Operational area at B.M. Airport, Ranchi for 2024-2025&2025-2026.(SH: New TB & CT building, Fire Station, Hanger, MT. Pool, Nav-Aids, CISF Barracks, Dog Kennel & Other Ancillary Buildings).

संदर्भ : निविदा खुलने की तिथि :- 13.02.2024

महोदय,

- 1- उपर्युक्त कार्य के लिए आपके द्वारा दी गयी अनुमानित राशि **रु.1,60,00,000.00 [एक करोड़ साठ लाख रुपये मात्र] (जीएसटी रहित)** की प्रतिशत दर निविदा को आपके द्वारा उद्धृत प्रतिशत दर, जो कि डीएसआर- 2023 एवं डीएसआर 2023 के बराबर अतिरिक्त विविध मदों की दर से **60% [साठ प्रतिशत]** कम है, अध्यक्ष भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है।

Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the quoted percentage rate of **60% [Sixty percent]** below DSR 2023 & Additional Miscellaneous Items at par with DSR 2023 for the estimated cost put to tender of **Rs.1,60,00,000.00 [Rupees One Crore Sixty Lakhs only] (Exclusive of GST)**.

- 2- **उप महाप्रबंधक (अभि.-सिविल)** भा°वि°प्रा°, बिरसा मुंडा हवाई अड्डा रांची, कार्य के प्रभारी होंगे। आप कृपया अपने प्राधिकृत एवं संविदा -क्रार पर हस्ताक्षर करने में सक्षम प्रतिनिधि को हस्ताक्षर एवं क्रार पूरा करने हेतु उप महाप्रबंधक (अभि°-सिविल), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुंडा हवाई अड्डा, रांची के कार्यालय में इस पत्र के जारी होने के पंद्रह (15) दिनों के अंदर भेजे। संविदा क्रार आपके द्वारा उपलब्ध कराए गए 100/-रु° (सौ रुपये) के गैर अदालती पक्के कागज पर संपादित किया जाएगा।

Deputy General Manager (Engg.-Civil), Airports Authority of India, B.M. Airport, Ranchi shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative empowered to sign the contract agreement on behalf of you to attend this office of Deputy General Manager (Engg.-Civil) within Fifteen (15) days after issue of this letter and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of Rs. 100/- and the cost of the stamp paper shall be borne by you.

Contd./2

*** हिंदी पत्रों का स्वागत है ***

कार्यालय: विमानपत्तन निदेशक बिरसा मुण्डा हवाईअड्डा, राँची-834002 टेलि: 0651-2253395 ई मेल: apd_verc@aaiaero
O/o The Airport Director Birsa Munda Airport, Ranchi-834002 Tel: 0651- 2253395 E-mail: apd_verc@aaiaero

रवि शंकर कुमार / Ravi Shankar Kumar
वरिष्ठ प्रबंधक (अभि.-सिविल) / Sr. Manager (Engg.- Civil)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
बिरसा मुण्डा हवाई अड्डा, राँची - 834002 / Birsa Munda Airport, Ranchi - 834002

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- 3- कृपया इस पत्र के जारी होने की तिथि से **10 दिनों के भीतर** प्रतिभूति जमा राशि **रु.16,00,000.00 (सोलह लाख रुपये मात्र)** जमा करें अन्यथा संविदा कागजात के पृष्ठ जीसीसी-16 पर दर्ज -धारा 1(ए) के अनुसार यह राशि आपके चालू बिलों से काट ली जाएगी।

Please deposit amount **Rs.16,00,000.00 (Rupees Sixteen Lakhs Only)** towards Security deposit **within 10 days** from the date of issuing of this letter, failing which, the same will be deducted from your running bills as per clause of contract 1(A) Page GCC-16 of the contract document.

- 4- आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम के प्रावधान और अनुबंध श्रम (विनियमन और उन्मूलन) के केन्द्रीय नियम 1971, बालश्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार और सेवा की शर्त का विनियमन) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकार अधिनियम 1996 आदि जैसाकि निविदा दस्तावेज़ और केन्द्रीय एवं राज्य सरकार के नियमों में निर्दिष्ट प्रावधानों का अनुपालन करें।

You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central Rules – 1971, Child Labour (Prohibition and Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other Construction Workers Welfare Cess Act 1996 as specified in the tender document and rules of Central and State Government.

- 5- आपको यह निर्देश दिया जाता है कि सहायक प्रबंधक (अभि.-सिविल), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुंडा हवाई अड्डा, रांची से शीघ्र संपर्क करें, जो आपको कार्य स्थल सौंपने की व्यवस्था करेंगे।

You are directed to contact the Asstt. Manager (Engg-Civil), Airports Authority of India, B.M. Airport, Ranchi immediately who will arrange to hand over the site to you.

- 6- कृपया ये ध्यान रहे कि आपको यह कार्य करने के लिए 24 (चौबीस) महीने का समय प्रदान किया जाता है और इसकी गणना 11.03.2024 से की जाएगी।

Please note that the time allowed for carrying out the work is 24 (Twenty-Four) months and same shall be reckoned from **11.03.2024**.

- 7- काम निविदा एवं शेड्यूल- ए की शर्तों के अनुसार निष्पादित करें जो कि इस आदेश का अभिन्न हिस्सा होगा।

The work shall be executed as per the conditions of tender and Schedule-A which will be the integral part of this order.

Contd./ 3

रवि शंकर कुमार / Ravi Shankar Kumar
वरिष्ठ प्रबंधक (अभि.-सिविल) / Sr. Manager (Engg.- Civil)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
बिरसा मुंडा हवाई अड्डा, रांची - 834002 / Birsa Munda Airport, Ranchi - 834002

*** हिंदी पत्रों का स्वागत है ***

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8- भविष्य में संविदा से संबंधित कोई पत्राचार प्रभारी अभियंता से किया जाए ।

Any further correspondence in connection with the contract shall normally be addressed to the Engineer-in-charge.

9- उपरोक्त के हिन्दी पाठ में कोई अन्तर या द्विधार्थकता होने की स्थिति में अंग्रेज़ी पाठ मान्य होगा ।

In case of difference or ambiguity in Hindi and English version, the English version will prevail.

10- कृपया पत्र की पावती भेजें एवं साथ में संलग्न इस पत्र की प्रतिलिपि पर स्वीकारोक्ति के रूप में विधिवत हस्ताक्षर करके हमें वापस 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.

धन्यवाद ।

भवदीय,



(रवि शंकर कुमार)

रवि शंकर कुमार Ravi Shankar Kumar
वरिष्ठ प्रबंधक (अभि.- सिविल) / Sr. Manager (Engg.- Civil)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
बिरसा मुण्डा हवाई अड्डा, राँची - 834002 / Birsa Munda Airport, Ranchi - 834002
Senior Manager (Engg.-Civil)

बि.मु.हवाई अड्डा, राँची -02

B.M Airport, Ranchi-02

संलग्न :- अनुसूची- ए / (Schedule -A)

*** हिंदी पत्रों का स्वागत है ***

कार्यालय: विमानपत्तन निदेशक बिरसा मुण्डा हवाईअड्डा, राँची-834002 टेलि.: 0651-2253395 ई मेल : apd_verc@aai.aero
O/o The Airport Director Birsa Munda Airport, Ranchi-834002 Tel: 0651- 2253395 E-mail : apd_verc@aai.aero

Annexure-A

Tender Inviting Authority: Senior Manager (E-C), AAI, B.M.Airport, Ranchi.

Name of Work: Biennial Maintenance Contract for Civil Works in Operational area at B.M. Airport, Ranchi for 2024-2025 & 2025-2026. (SH: New TB & CT building, Fire Station, Hanger, MT. Pool, Nav-Aids, CISF Barracks, Dog Kennel & Other Ancillary Buildings).

Contract No: 2024_AAI_181941_1

Name of the Bidder/ Bidding Firm / Company :	RAMAN CONSTRUCTION					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT exclusive of GST in Rs. P	TOTAL AMOUNT In Words (Excluding GST)
1	2	4	5	6	7	8
1	Execution of all DSR items 2023 (Civil) and Additional Misc. items No. 1 to 80 The payment of DSR items & Addl.Misc. item shall be regulated as below: Rate of DSR item = X Rate without GST on DSR items = X/1.2127=Z Rate of addl.misc. items without GST (as per SOQ) made at par with Z (excluding item no. 7,8,9,10&11) =Z Rate for payment = Z+ quoted (+/-) % age. *** Note: 1) The agency shall quote % (Percentage) above or below on Z . 2) The GST as applicable shall be payable on the work done value. 3) For details refer SOQ of tender Documents. 4) The awarded cost shall be estimated cost put to tender.	1.00	Job	100.00	100.00	INR One Hundred Only
Total in Figures					100.00	INR One Hundred Only
Quoted Rate in Figures			Less (-)	60.00%	40.00	INR Forty Only
Quoted Rate in Words			INR Forty Only			


Sr. Shankar Kumar
रवि शंकर कुमार (अभि- सिविल) / Sr. Manager (Engg.- Civil)
राष्ट्रीय विमानपत्तन प्राधिकरण / Airports Authority of India
3/111 मुम्बई हाईवे अदका, राँची - 834002/ Bha Munda Airport, Ranchi - 834002

ADDITIONAL MISCELLANEOUS ITEMS

Name of Work:- "Biennial Maintenance Contract for Civil Works in Operational area at B.M. Airport, Ranchi for 2024-2025 & 2025-2026.(SH: New ATC Tower, Fire Station, Hanger, MT. Pool, Nav-Aids, CISF Barracks, Dog Kennel & Other Utility Installations)."

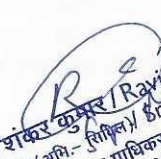
AMI Item No.	Description of items	Unit	Market Rate (₹)
1	Repairing and refixing of door/ windows shutter i/c removal of shuttering form chaukhat, cutting where necessary removing and refixing butt hinges on other side of frame of shutter wherever required.(Cost of hinges i/c fixing shall be paid extra.)	Each	641.80
2	Providing and Fixing 1 mm thick laminate (Decolum or equivalent) i/c finishing etc. as per direction of Engineer-in-Charge.	Sqm	793.25
3	Providing and Fixing 22 gauge aluminium sheet on doors with steel screw complete as per satisfaction of Engineer-in-Charge.	Sqm	924.05
4	Tightening of barbed wire/ Concertina coil above wall or G.I. Wire fencing i/c fencing of broken hooks complete as per satisfaction of Engineer-in-Charge.	Metre	14.55
5	Cleaning of window/door (both side) i/c glass panes with cloth/detergent or any other chemical required for proper cleaning (window/door opening area to the measured). As per satisfaction of Engineer-in-Charge.	Sqm	53.05
6	Cleaning of choked/blocked rain water pipe, soil waste pipe, vent pipe manhole sewerage pipe, gully trap, EWC, wash basin, kitchen sink, bottle trap, house drain storm water drain i/c of any diameter and size i/c removal of mulba as directed by Engineer-in-Charge.		
	a) Rain water pipe/soil waste & vent pipes	Metre	51.70
	b) EWC / IWC i.e. connected traps and soil waste pipe upto the nearest opening point in soil waste pipe.	Each	66.85
	c) Wash basin / Kitchen sink i/c connected traps	Each	94.70
	d) House drain (Open)	Metre	10.75
	e) House drain (covered)	Metre	52.90
	f) Storm water drain (Road side)	Metre	41.45
	g) Storm water drain (Runway side) i/c disposal of mulba outside operational area.	Metre	201.95
	h) Septic Tank by toilet suction truck	Each	1508.25
7	Supplying labour for day to day maintenace jobs, shifting of office from one location to another location etc.(Rate mentioned shall be fixed. Percentage above or below quoted by the contractor shall not be applicable on this item. If there is any increase in the minimum wages of labour by Central/State Govt. then difference amount between increased wages and wages at the time of tender will be paid extra as per item no. 11).		
	a) Unskilled	Per day	736.70
	b) Semi skilled	Per day	831.75
	c) Skilled	Per day	976.05
	d) Highly Skilled	Per day	1073.40
8	Supplying highly skilled Technical supervisor (minimum Civil Engg. Diploma qualification) to do day to day supervision of civil maintenance works and other office works as directed by Engineer-in-Charge. (Rate mentioned shall be fixed. Percentage above or below quoted by the contractor shall not be applicable on this item. If there is any increase in the minimum wages of labour by Central/State Govt. then difference amount between increased wages and wages at the time of tender will be paid extra as per item no. 11).	Per Day	1073.40
9	Supplying skilled Computer operator for day- to-day office work as directed by Engineer-in-Charge. .(Rate mentioned shall be fixed. Percentage above or below quoted by the contractor shall not be applicable on this item. If there is any increase in the minimum wages of labour by Central/State Govt. then difference amount between increased wages and wages at the time of tender will be paid extra as per item no. 11).	Per Month	25376.80


रवि शंकर कुमार / Ravi Shankar Kumar
वसिष्ठ प्रबंधक (अभि. - सिविल) / Sr. Manager (Engg. - Civil)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
बिरसा मुन्डा हवाई अड्डा, राँची - 834002 / Birsa Munda Airport, Ranchi - 834002

AMI Item No.	Description of items	Unit	Market Rate (₹)
10	Providing services of office attendant for handling day -to- day services related to office work etc. for the AAI officials in general shift by deploying required number of skilled/unskilled manpower as per requirement and as directed by Engineer-in-charge. (Rate mentioned shall be fixed. Percentage above or below quoted by the contractor shall not be applicable on this item. If there is any increase in the minimum wages of labour by Central/State Govt. then difference amount between increased wages and wages at the time of tender will be paid extra as per item no. 11).	Per Month	19154.60
11	Reimbursement of difference amount between increased wages and wages at the time of tender of labours for Additional Miscellaneous items no. 7,8,9&10. Present rates of different category of workers are as below :		
	i) High Skilled Labour -- Rs. 915.00/ per day	Per day	Difference amount as per Govt. circular
	ii) skilled -- Rs. 832.00/ per day	Per day	
	iii) Semi-skilled -- Rs. 709.00/ per day	Per day	
	iv) Unskilled labour -- Rs. 628.00/ per day	Per day	
12	Carriage of mulba from inside AAI premises to out side AAI premises by mechanical means including loading and unloading as desired by the Engineer in charge.		
	a) Measuring upto 3 cum	Each truck	2064.05
	b) Measuring 3 cum to 6 cum	Each truck	2936.65
13	Providing and Fixing sun control film (Garware polyester or equivalent) on glass pane after thoroughly cleaning of existing surface. (The rate inclusive removal of existing sun control film where ever required.) As per direction of Engineer-in-Charge.	sqm	1038.95
14	Providing and fixing C.P. pillar cock of approved quality weight not less than 450 gms. 15 mm nominal bore complete.	Each	1421.20
15	Testing of potable water as per the standard of local (As per IS 1050) water supply authority (i/c supplying of water sample to the laboratory) and providing the sample test report to Engineer-in-charge.	Each test	1040.80
16	Supplying & fixing horizontal/ vertical blinds 25mm/100 mm wide as per approved design by the Engineer-in -charge..		
	(a) Venetian / Horizontal blind (25 mm)	Sqm	3447.65
	(b) Vertical blind (100 mm)	Sqm	2667.05
	(c) Blackout roller blinds of vista makes or equivalent	Sqm	5458.65
17	Replacement of neoprene beading and existing aluminum door and windows complete as per satisfaction of Engineer-in-charge.	Metre	57.15
18	Supplying & placing in position of jute sand bag (with coarse sand) in all respect as per direction of Engineer-in-charge.	Each	127.65
19	Providing and fixing Plywood (boiled water proof) with necessary screws & nuts wherever necessary etc. complete as per direction of Engineer-in-charge.		
	(a) 19mm thick plywood (BWP)	Sqm	1613.00
	(b) 12mm thick plywood (BWP)	Sqm	1195.45
	(c) 6mm thick plywood (BWP)	Sqm	895.30
	(d) 4mm thick plywood (BWP)	Sqm	268.90
20	Supplying and fixing PVC. fittings of all size including dismentaling old and replacing with new one (Tess, Elbows, Collers, Nipple etc.) as directed by Engineer-in-charge.	Each	248.50
21	P/F inner parts inside CP brass bib cock of approved quality for 15mm nominal bore.	Each	624.50
22	Lettering with Synthetic Enamel Paint of approved brand and manufacture.	per letter per cm height	5.55


रवि शंकर कुमार (अति-सिविल) / **Ravi Shankar Kumar** (Engg.- Civil)
 भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
 १५०० मुम्बई हवाई अड्डा, रवी - ४००००२ / B-1500 Mumbai Airport, Ranchi - 834002

AMI Item No.	Description of items	Unit	Market Rate (₹)
23	Cleaning and brushing of expansions joints and removing dust, grease, oils, grass, grass- roots, rubber deposit of tyres and joint filler etc. from joints and remove the same outside periphery of Airport, as per direction of Engineer-In-Charge.	Metre	17.10
24	Providing and fixing PVC overhead tank cover with necessary screw etc. complete as per direction of Engineer-in-charge.	Each	603.30
25	Cleaning of storm water drain and removal of mulba as directed by Engineer-in-charge.		
	(a) width up to 1 mtr	Metre	26.25
	(b) width more than 1 mtr and upto 6 mtr	Metre	46.15
26	Providing and fixing wall hook of Health Faucet Jaquar make (cat ZMS-CHR-009) or equivalent make.	Each	166.70
27	Supplying and providing welder with welding machine and all accessories required for welding complete as per satisfaction of Engineer-in-charge		
	(a) For M.S. Welding	Per day	2907.70
	(b) For S.S. Welding	Per day	3005.30
28	Providing& Fixing C.P. liquid soap container of approved quality and make as per satisfaction of Engineer-in-charge		
	a) PVC Container (400ml/500ml)	Each	1,012.00
29	Providing and fixing/replacing C.P. brass waste coupling for sink or wash basin:		
	a) 32 mm dia.	Each	521.30
	b) 40 mm dia.	Each	554.40
30	Providing and fixing PVC lever and knob in existing PVC cistern of approved quality.	Each	563.60
31	Providing and fixing brass gate valve with C.I. wheel of approved quality (screwed end).		
	a) 15 mm nominal bore.	Each	1,104.75
	b) 20 mm nominal bore.	Each	1,425.60
32	Pumping out sewage effluent from retained water in localised area by deploying labour/pumps operator etc. complete to the satisfaction of Engineer-in-charge.	Hour	388.30
33	Providing and fixing glass in partitions or aluminium door, window, ventilator shutters and partitions etc. with PVC/neoprene gasket / sealant etc. complete as per the architectural drawings and directions of Engineer- in-charge. (Cost of aluminium snap beading shall be paid in basic item).		
	a) 6 mm thick toughend tuff glass	Sqm	1889.90
	b) 8 mm thick toughened tuff glass	Sqm	2762.20
	c) 10 mm thick toughened tuff glass	Sqm	3264.60
	d) 12 mm thick toughened tuff glass	Sqm	3548.75
	e) 19 mm thick toughened glass	Sqm	9847.50
34	P/F glass table top (the glass edges should be smooth rounded properly) as per direction of Engineer-in-charge		
	a) 5.0 mm clear glass	Sqm	934.55
	b) 8.0 mm clear glass	Sqm	1554.15
	c) 12.0 mm clear glass	Sqm	2096.75
35	Repairing of existing floor spring of Aluminum door/glass door i/c removing and refixing of existing Aluminium door, if required complete as per the direction of EIC..	Each	915.95
36	Repairing of existing aluminium/glass door and windows I/c opening the section and refixing the section as per the existing.	Each	641.80
37	Erection of aluminum frame work in doors, windows & partition after necessary cutting of available aluminium sections, glazing, boards etc according to the required size I/c fixing glazing, boards & snap beading wherever required. (Material shall be made available from the	Sqm	450.90
38	Deduct for taking away C.P. brass/Brass bib cock, stop cock, long body bib cock, long nose bib cock, angle valve, ball valve, close hole basin mixer, C.P. waste in basin/ sink and the like received from dismantling. The material so received shall be the property of contractor after dismantling duly weighed/measured before removing from the site in the presence of Engineer-in-charge or his authorised representative all complete.	Kg	390.30


 रवि शंकर कुमार / Ravi Shankar Kumar
 सचिव प्रबंधक (अति- निमित्त) / Sr. Manager (Engg.- Civil)
 भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
 बिरसा मुन्दा हवाई अड्डा, राँची - 834002 / Birsa Munda Airport, Ranchi - 834002

AMI Item No.	Description of items	Unit	Market Rate (₹)
39	Deduct for taking away of CI pipe fitting, centrifugal cast (spun)/sand cast iron pipes and fittings, C.I. flushing cistern, G.I. pipes and fittings, steel doors, window, ventilators, grill, round or square bars etc. and the like item received from dismantling. The material so received shall be the property of contractor after dismantling duly weighed/ measured before removing from the site in the presence of Engineer-in-charge or his authorised representative all	Kg	41.65
40	Deduct for taking away of PVC connections , PVC flushing cistern with fittings, PVC over head tank, PVC bib cock, stop cock, ball valve, loft tank etc. and the like received from dismantling. The material so received shall be the property of contractor after dismantling duly weighed/ measured before removing from the site in the presence of Engineer-in-charge or his	Kg	19.50
41	Deduct for taking away of aluminium butt hinges, sliding door bolts, tower bolts, pull body lock, handle, door stopper, casement stay, tee channels, plates, frames, shutters, partition, tubular sections etc. and the like received from dismantling. The material so received shall be the property of contractor after dismantling duly weighed/ measured before removing from the site in the presence of Engineer-in-charge or his authorised representative all complete.	Kg	143.10
42	Deduct for taking away of steel work in frames, shutters, trusses, channels, beams, Tee, angles, bolts, washers etc. and the like received from dismantling. The material so received shall be the property of contractor after dismantling duly weighed/ measured before removing from the site in the presence of Engineer-in-charge or his authorised representative all complete.	kg	41.65
43	Providing and operating hydraulic excavator (3D)(JCB or equivalent) with skilled driver and fuel for removal of wild growth vegetation comprising of surkanda, babool trees and other vegetation i/c shifting of earth, malba and dressing of ground etc. with valid papers and licence of vehicle and drivers, as per direction of Engineer-in-charge.	per hour	1561.20
44	Providing & Fixing vitreous china Oval shape 550x460 mm wash basin with 32 mm dia C.P. brass waste, C.I. brackets and other fittings etc complete as per direction of Engineer in charge but excluding the cost of pillar cock.		
	a) White colour (Kohler or equivalent) (Kohler K-2075IN-1-0)	Each	6301.60
45	P/F C.P. brass spreaders with pipe and brass unions for urinal basin complete as per direction of Engineer-in-charge	Each	736.50
46	Providing & fixing floor matts of 3M or equivalent in New TB & CT and ancillary buildings of required size and colour i/c fixing etc. complete as per direction of Engineer in charge.		
	Terra Loop Matt Medium Duty	Sqm	2914.30
47	Supply and fixing of 0.5 mm thick aluminium perforated false Ceiling tiles of size 600 mm X 600 mm (ARMSTRONG make)	Sqm	2780.20
48	Up keeping and maintenance of paved /metal led/compacted areas on premises of New TB&CT and other ancillary building complex as per specification attached (paved / metalled/ compacted areas shall be measured for payment.)	sqm/per month	3.85
49	Bamboo fencing including fixing over Boundary wall by cutting 1.00 inches chali with vertical chali of 1.5 inch @ 1 feet spacing supported by grouting the bamboo of 3 feet height (2 feet above wall and 1 feet inside the wall) into the wall complete as per direction of E.I.C. Nails / wire etc. shall be included in the item. Dismantling the wall for grouting the bamboo, concrete for grouting of bamboo support into the wall shall be paid extra in respective item.	Sqm	943.80
50	Supplying and fixing of 15 mm integral densified tegular edge eco friendly light weight calcium silicate false Ceiling tiles of size 600 mm X 600 mm (Aerolite or equivalent)	Sqm	1,198.20
51	Supply and fixing of First quality off white vitreous china wall hung water closet (EWC) without seat cover (Kohler make Category no.K-18131IN-S-O)	Each	13,531.65
52	Flushing and development of borewell by taking out lost and drowned submersible pumpset including motor in the underground pipeline of 200 feet deep borewell and making it in working condition by lowering the pipeline including submersible pumpset to its original position at a depth of 200 feet complete.	Job	39,461.75


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 भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
 बिरसा मुण्डा हवाई अड्डा, राँची - 834002/ Birsa Munda Airport, Ranchi - 834002

AMI Item No.	Description of items	Unit	Market Rate (₹)
53	Supply of ready mix shalipatch for repairing pot (holes)/ other openings in bituminous surface as per direction and satisfaction of EIC.	Kg	18.60
54	Supply of ready mix shalipatch for repairing pot (holes)/ other openings in Concrete surface as per direction and satisfaction of EIC.	Kg	8.05
55	Mechanical cutting of grass/shrubs by Supplying 01 no. hand cutter machine (Honda or equivalent make) in operational area/ residential area including supplying of necessary fuel and operator and maintaining the area to restrict the growth of grass and shrubs etc. upto height not more than 15 cm. above ground level as per direction of E-I-C. (Maintenance cost of machine etc. shall be borne by the agency)	Day	2,400.55
56	Supplying of bleaching powder for sanitization in operational area as per direction of E-I-C.	Kg	58.55
57	Supplying of Carbolic acid for snake repellent in operational area etc. as per direction of E-I-C.	Litre	2,004.40
58	Providing & fixing UV stabilised fiberglass reinforced plastic sheet on iron frame for view cutter over low height wall including fixing with polymer coated nuts 8mm dia. G.I plain washers complete but excluding the cost of iron frame etc. The sheets shall be manufactured out of 2400 TEX panel roving incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified. 2 mm thick flat.	Sqm	878.50
59	Supply of ready mix bituminous material like Hincol Road Bond or equivalent for repairing pot holes/ / other deteriorated surface in cold conditions complete as per manufacturer's specification and satisfaction of EIC.	Kg	21.45
60	Replacing of damaged double structural 27mm DGU glazing in existing airside glazing system from aluminum framed partitions with neoprene gasket and filling with approved sealant, structural sealant of DOW-CORNIN/ GE/ WACKER or equivalent and gap of between glasses, and shall be sealed with weather sealant of DOW-CORNIN/ GE/ WACKER or equivalent, upto all heights etc. The double insulated glass is hermetically sealed unit using double seal with Polyisobutylene (Butyl) and polysulphide (Thiokol) made up of outer side with 6mm thick high performance toughened glass and inner side with 5mm thick clear toughened glass without tong marks, with an air gap of 16 mm at all and directions of Engineer-in-charge. (Cost of aluminum work and MS frame work required as per design will be as per design)	Sqm	19864.15
61	Providing and fixing 5 mm thick mirror of required shape and size of approved make by E.I.C	Sqm	6346.25
62	Providing and fixing Hardwyn glass door lock (Double Door) complete as per direction of Engineer in charge.	Each	5354.10
63	Providing and fixing of Plastic Hygienic Mat Assorted (Sundaram make) at different location of New TB & CT and other ancillary buildings complete as per direction of Engineer in charge.	Sqm	1651.85
64	Supply of 50mm wide Retro Tape of 3M or equivalent at site all complete as per direction of Engineer-in-charge.	Each	206.45
65	Conducting soil tests at B.M. Airport, Ranchi & submit test report of the same complete as per direction of E.I.C.		
	(a) Conducting CBR test at lab i/c Optimum Moisture Content (OMC) and Maximum Dry Density (MDD), Atterberg's limit, Grain size analysis.	One job	4553.50
	(b) Conducting Field CBR test	One job	4553.50


रवि शंकर कुमार / Ravi Shankar Kumar
 चरित प्रबंधक (अभि. - सिविल) / Sr. Manager (Engg. - Civil)
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 बिरसा मुंडा हवाई अड्डा, राँची - 834002 / Birsa Munda Airport, Ranchi - 834002

AMI Item No.	Description of items	Unit	Market Rate (₹)
66	Supplying and pouring of polysulphide sealant polymer based, UV resistant, flexible tear resistant, rubbery self - levelling, non-staining sealant of approved make confirming to BS 5212 : 1990 part-I type F & type FB (Flame and fuel resistance), IS 12118 part-1-1987, BS:4254 and ASTM C 920 and BN EN 14188-2:2004 including removing of old/damaged sealant in construction joints, cleaning of joints using pressurised air blower etc. all complete as per direction and satisfaction of Engineer-in-charge. i) Expansion Joints of size 25 mm wide and 10 mm deep. ii) Construction Joints of size 10 mm wide and 10 mm deep. iii) Dummy Joints of size 10 mm wide and 10 mm deep. [Note: For purpose of payment, quantity (Length x Width x Depth) of Polysulphide sealant only will be measured.]	Cucm	1.35
67	Providing and laying Expanded closed cell polythylene foam back-up rod confirming to ASTM C-5249-95 or ASTM D-3575 in expansion joint as per the direction and satisfaction of E-I-C. 30mm	Metre	68.40
68	Providing and laying Expanded closed cell polythylene foam back-up rod confirming to ASTM C-5249-95 or ASTM D-3575 in expansion joint as per the direction and satisfaction of E-I-C. 12mm	Metre	28.05
69	Providing and repairing of edges of expansion/construction/dummy joints in concrete pavements using epoxy adhesive shalibond 41 or equivalent confirming to ASTM C 881, type-1 grade-3 class-B & C etc. all complete as per direction and satisfaction of Engineer-in-charge.	Kg	416.30
70	Providing and repairing of edges of expansion/construction/dummy joints in concrete pavements using salifix EM-51 epoxy mortar or equivalent confirming to ASTM C 395-01 (2012) etc. all complete as per direction and satisfaction of Engineer-in-charge.	Kg	187.35
71	Providing and erecting 3.00 m high temporary barricading for security wall of usage for separating existing Sarna sthal space inside operational area, which includes hollow square pipe as post and C.G.I Sheet as covering and flat for support along the length. Rate includes its labour, material, equipment, its maintenance for damages, transportation etc and other works required to execute the job- as per direction and satisfaction of Engineer-In-Charge.	Metre	1066.80
72	Providing and fixing Signage Board of size 600x600mm and 200x600mm made of non-reflective sticker on 3mm thick ACP Board and fixed over PVC pipe frame etc. all complete as per direction and satisfaction of Engineer-In-Charge.	Each	1749.25
73	Providing, fabrication and supplying and fixing panels of aluminium composite panel cladding in square shape of approved shade made out of 3mm thick aluminium composite panel in aluminium frame grids etc. all complete as per direction and satisfaction of E I C.	Metre	3926.25
74	Providing tractor with digging attachments such as rotavator etc. for plugging work in RESA area etc. all complete as per direction and satisfaction of E-I-C.	Hour	1821.40
75	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. 0.45 mm thick with zinc coating not less than 275 gm/m ²	Metre	1009.65
76	Providing and fixing 12.5mm thick gypsum board in existing frame etc all complete as per direction and satisfaction of Engineer-in-charge.	Sqm	637.10
77	Providing and fixing 4mm thick ply in existing framed structure etc. all complete as per direction and satisfaction of Engineer-in-charge.	Sqm	1020.20
78	Providing R.B.T Reinforced Barbed Wire for tightening the existing horizontal G.I. wire etc. all complete as per direction and satisfaction of E-I-C.	Metre	21.20
79	Dry stone pitching 22.5 cm thick including preparing surface complete as per direction and satisfaction of E-I-C.	Sqm	525.90
80	Providing and fixing 19mm thick factory made ply board for base of cot of CISF folding conforming to IS : 14616 and TADS 15:2001 (Part B), fixing with nut-bolt of required size with necessary screws, all complete as per directions of Engineer- in-charge and panelling with panels of : 19 mm thick factory made ply board	Sqm	1580.05

Signature Not Verified