



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

22/04/2025

संदर्भ सं / Ref. No. AAI/BD/Engg.(Civil)/Antenna Tower/Katihar/Wिमानपत्तन प्राधिकरण/25-Date 11/84-9/.....

To
M/s B. Prasad & Company,
P&T Colony, Harnichak,
Anishabad, Patna - 800002.

विषय:- कटिहार, रडार स्टेशन पर एमएसएसआर आरसीसी एंटीना टावर (सिविल और इलेक्ट्रिकल कार्य) का निर्माण।
Sub.: - Construction of MSSR RCC antenna tower (Civil & Electrical work) at Katihar, Radar Station.

संदर्भ:- i) आपकी ई-बोली 27/01/2025 को खोली गई।

[ओपन टेंडर आईडी: 2024_AAI_219976_1]।

Ref:- i) Your E-Bid opened on 27/01/2025.

[Open Tender ID: 2024_AAI_219976_1].

महोदय/Dear Sir(s),

1. उपर्युक्त कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मद दरों पर स्वीकार की जाती है, जिसकी कुल राशि रु. 3,77,64,885.02 (तीन करोड़ सत्तर लाख चौसठ हजार आठ सौ पचासी और दो पैसा मात्र) जीएसटी को छोड़कर है, जो कि निविदा में रखी गई अनुमानित लागत रु. 4,72,83,362.00 से 20.13% कम है।

1. Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by you totaling to Rs. 3,77,64,885.02 (Rupees Three Crores Seventy-Seven Lacs Sixty-Four Thousand Eight Hundred Eighty-Five and Two Paise Only) excluding GST which is 20.13 % below the estimated cost put to tender of Rs. 4,72,83,362.00.

2. सहायक जनरल मैनेजर (ई-सी), एएआई, बागडोगरा एयरपोर्ट कार्य के प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि अनुबंध समझौते पर हस्ताक्षर करने और उसे पूरा करने के लिए 02/05/2025 तक सहायक जनरल मैनेजर (ई-सी), एएआई, बागडोगरा एयरपोर्ट, जिला:- दार्जिलिंग, पिन:- 734421 के कार्यालय में उपस्थित हों। अनुबंध समझौता रु. 100/- (केवल एक सौ रुपये) मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको वहन करनी होगी।

2. Asstt. Gen. Manager (E-C), AAI, Bagdogra Airport shall be the Engineer-in-charge of the work. You are requested to attend the office of Asstt. Gen. Manager (E-C), AAI, Bagdogra Airport, Dist.: - Darjeeling, Pin: - 734421 by 02/05/2025 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 टेंडर के साथ प्राप्त बयाना राशि 9,45,667.00 रुपये (नौ लाख पैंतालीस हजार छह सौ सड़सठ रुपये मात्र) को अनुबंध दस्तावेज के पृष्ठ 16 पर शर्त 1ए के अनुसार सुरक्षा जमा के हिस्से के रूप में परिवर्तित कर दिया गया है। कृपया इस पत्र के जारी होने की तिथि से 10 (दस) दिनों के भीतर शेष सुरक्षा जमा के रूप में 28,30,822.00 रुपये (अट्ठाईस लाख तीस हजार आठ सौ बाईस रुपये मात्र) जमा करें, अन्यथा अनुबंध की सामान्य शर्त के पृष्ठ 16 पर खंड 1ए के अनुसार आपके चालू बिलों से यह राशि काट ली जाएगी।

3. The Earnest Money amount of Rs. 9,45,667.00 (Rupees Nine Lacs Forty-Five Thousand Six Hundred Sixty-Seven Only) received along with your tender has been converted as part of Security Deposit, as per condition 1A on page 16 of the contract document. Please deposit Rs. 28,30,822.00 (Rupees Twenty-Eight Lacs Thirty Thousand Eight Hundred Twenty-Two Only) towards balance Security Deposit within 10 (Ten) days from the date of issue of this letter, failing which the same will be deducted from your running bills as per clause 1A on page 16 of General condition of contract.

4. आपसे अनुरोध है कि आप ठेका श्रम (विनियमन एवं उन्मूलन) अधिनियम 1970 तथा ठेका 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 आदि समय-समय पर संशोधित प्रावधानों या केन्द्र एवं राज्य सरकारों द्वारा समय-समय पर इससे संबंधित किसी अन्य कानून एवं इसके अंतर्गत बनाए गए नियमों का अनुपालन करें।

422/21/5

4. You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and 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 etc. amended from time to time or any other laws relating thereto and rules made there under from time to time of Central and State Governments.

5. आपको सहायक प्रबंधक (ई-सी), बागडोगरा हवाई अड्डा, बागडोगरा से संपर्क करने का भी निर्देश दिया जाता है, जो साइट को आपको सौंपने की व्यवस्था करेंगे।

5. You are also directed to contact **The Asstt. Manager (E-C), Bagdogra Airport, Bagdogra** who will arrange to hand over the site to you.

6. कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय 08 (आठ) महीने है जिसमें 2025 का वर्षा ऋतु का एक महीना भी शामिल है और इसकी गणना इस पत्र के जारी होने के 10वें दिन से की जाएगी।

6. Please note that the time allowed for carrying out the work is **08 (Eight) Months including one-month rainy season 2025** 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।

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

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

8. 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/Thanking you.

Enclosure: - कीमतों की सूची/Schedule of Rates.

Yours faithfully
-Sd-

परशुराम / (Parshuram),

उप महा प्रबन्धक / Dy. General Manager (E-C),

भारतीय विमानपत्तन प्राधिकरण/ Airports Authority of India,

बागडोगरा हवाई अड्डा/ Bagdogra Airport

अध्यक्ष के लिए और उनकी ओर से/ For and on behalf of the Chairman

N. O. O:

Copy to: -

बाहरी/ External: -

1. The Labour Enforcement Officer (Central) Shiv Mandir Road, Bara Bazar, Katihar – 854105 (Bihar).

Internal: -

1. GM (Engg.), AAI, NSCBI Airport, Kolkata - 700052.
2. GM (F&A), AAI, NSCBI Airport, Kolkata - 700052.
3. Airport Director, AAI, Bagdogra Airport, Bagdogra-734421.
4. DGM (Fin.), AAI, Bagdogra Airport, Bagdogra – 734421.
5. DGM Engg. (E), AAI, Bagdogra Airport - 734421.
6. AGM Engg. (E), AAI, Bagdogra Airport - 734421.
7. AGM Engg. (C), AAI, Bagdogra Airport - 734421.
8. AGM (CNS), AAI, A.C.S Katihar Airport – 854106
9. Asstt. Mgr. Engg. (C), AAI, Bagdogra Airport - 734421.
10. Work File.

422/21/25
22.04.25

परशुराम / (Parshuram),

उप महा प्रबन्धक / Dy. General Manager (E-C),

भारतीय विमानपत्तन प्राधिकरण/ Airports Authority of India,

बागडोगरा हवाई अड्डा/ Bagdogra Airport

अध्यक्ष के लिए और उनकी ओर से/ For and on behalf of the Chairman

Tender Inviting Authority: AGM(E-C)

Name of Work: Construction of MSSR RCC Antenna Tower (Civil & Electrical Work) at Katihar, Radar Station.

Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s B. Prasad & Company (GSTN-NA) BID ID - 803061	
				Rate	Amount
37.00	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 250x16 mm.	25.00	each	200.00	5000.00
38.00	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 250x10 mm.	25.00	each	100.00	2500.00
39.00	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm.	35.00	each	50.00	1750.00
40.00	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper.	25.00	each	50.00	1250.00
41.00	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	2000.00	kg	100.00	200000.00
42.00	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes.	6520.00	kg	135.00	880200.00
43.00	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	1000.00	kg	110.00	110000.00
44.00	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.	2000.00	kg	120.00	240000.00
45.00	Providing and fixing carbon steel galvanised (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm2), counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge. 10 x 120 mm.	50.00	each	140.00	7000.00
46.00	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	1475.00	kg	600.00	885000.00

Signature

Tender Inviting Authority: AGM(E-C)

Name of Work: Construction of MSSR RCC Antenna Tower (Civil & Electrical Work) at Katihar, Radar Station.

Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No. of Qty	Units	M/s B. Prasad & Company (GSTN-NA) B/D ID -803061	
				Rate	Amount
24.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland / Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement of the minimum specified cement content in design mix shall be payable separately. All works above plinth level upto floor V level. Concrete of M30 grade with minimum cement content of 350 kg /cum.	505.00	cum	7700.00	3888500.00
25.00	Add for using extra cement in the items of design mix over and above the specified cement content therein.	290.00	qtl	400.00	116000.00
26.00	Extra for R.C.C./ B.M.C./ R.M.C. work above floor V level for each four floors or part thereof.	130.00	cum	200.00	26000.00
27.00	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).	60.00	cum	7500.00	450000.00
28.00	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 size in: Cement mortar 1:6 (1 cement : 6 coarse sand).	525.00	cum	7300.00	3832500.00
29.00	Extra for brick work / AAC block masonry / Tile brick masonry in superstructure above floor V level, for each four floors or part thereof by mechanical means.	505.00	cum	100.00	50500.00
30.00	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand).	10.00	sqm	900.00	9000.00
31.00	Half brick masonry 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. Cement mortar 1:4 (1 cement : 4 coarse sand).	35.00	sqm	900.00	31500.00
32.00	Extra for providing and placing in position 2 Nos 6 mm dia. M.S. bars at every third course of half brick masonry.	45.00	sqm	100.00	4500.00
33.00	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	30.00	sqm	2500.00	75000.00
34.00	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	30.00	sqm	300.00	9000.00
35.00	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	100.00	sqm	200.00	20000.00
36.00	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc complete.	30.00	each	1000.00	30000.00

Tender Inviting Authority: AGM(E-C)

Name of Work: Construction of MSSR RCC Antenna Tower (Civil & Electrical Work) at Katihar, Radar Station.

Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

SLNo	Description of Work / Item(s)	No. of Qty	Units	M/s B. Prasad & Company (GSTN:NA) BID ID: 403084	
				Rate	Amount
14.00	Centering and shuttering including strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform.	910.00	sqm	450.00	409500.00
15.00	Centering and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers.	685.00	sqm	400.00	274000.00
16.00	Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.	288.00	sqm	500.00	144000.00
17.00	Centering and shuttering including strutting, propping etc. and removal of form for: Stairs, (excluding landings) except spiral-staircases.	140.00	sqm	500.00	70000.00
18.00	Centering and shuttering including strutting, propping etc. and removal of form for: Edges of slabs and breaks in floors and walls Under 20 cm wide.	355.00	mtr	100.00	35500.00
19.00	Centering and shuttering including strutting, propping etc. and removal of form for: Weather shade, Chajjas, corbels etc., including edges.	25.00	sqm	800.00	20000.00
20.00	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc., including cost of de-shuttering and decentering at all levels, over a height of 3.5 m, for every additional height of 1 metre or part thereof (Plan area to be measured). Suspended floors, roofs, landing, beams and balconies (Plan area to be measured).	765.00	sqm	100.00	76500.00
21.00	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.	55125.00	kg	78.00	4299750.00
22.00	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-500D or more.	111125.00	kg	78.00	8667750.00
23.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level. Concrete of M30 grade with minimum cement content of 350 kg /cum.	315.00	cum	7500.00	2362500.00

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Tender Inviting Authority: AGM(E-C)

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Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

SLNo	Description of Work / Item(s)	No. of Qty	Units	M/s B. Prasad & Company (GSTN-NA) BID ID -803061	
				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. All kinds of soil.	1190.00	cum	150	178500
2.00	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 1 km within Airport premises and lift upto 1.5 m, as directed by Engineer-in-charge. Ordinary rock.	360.00	cum	250.00	90000.00
3.00	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	315.00	cum	200.00	63000.00
4.00	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.	455.00	cum	100.00	45500.00
5.00	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil.	680.00	cum	50.00	34000.00
6.00	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	325.00	cum	800.00	260000.00
7.00	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	1460.00	sqm	2.00	2920.00
8.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources).	45.00	cum	8500.00	382500.00
9.00	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) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).	120.00	cum	6000.00	720000.00
10.00	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proofcourse after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	20.00	sqm	200.00	4000.00
11.00	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	43.50	sqm	550.00	23925.00
12.00	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for mass concrete.	315.00	sqm	200.00	63000.00
13.00	Centering and shuttering including strutting, propping etc. and removal of form for: Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	655.00	sqm	500.00	327500.00

Tender Inviting Authority: AGM(E-C)

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Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

Sl No	Description of Work / Item(s)	No of Qty	Units	M/s B. B. & Company (GSTN-NA) BID ID : 603051	
				Rate	Amount
47.00	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	85.00	sqm	700.00	59500.00
48.00	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	415.00	sqm	1500.00	622500.00
49.00	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	160.00	sqm	1600.00	256000.00
50.00	Providing and fixing removable raised/false access flooring with system and its components of approved make for different plenum height with possible height adjustment upto 50 mm, comprising of modular load bearing floor panels supported on G.I. rectangular stinger frame work and G.I. Pedestal etc. all complete, as per the architectural drawings, s specified and as directed by Engineer-in-charge consisting of: (a) Providing at required spacing to form modular framework, pedestals made out of GI tube of thickness minimum 2 mm and 25 mm outer diameter, fully welded on to the G.I. Base plate of size 100mm x 100mm x 3mm at the bottom of the pedestal tube, G.I. pedestal head of size 75mmx75mmx3.5 mm welded with GI fully threaded stud 16mm outer diameter with two GI Check nuts screwed on the stud for level adjustment upto 50mm, locking and stabilizing the pedestal head in position at the required level. The pedestals shall be fixed to the subfloor (base) through base plate using epoxy based adhesive of approved make or the machine screw with rawl plug. (b) Stringers system in all steel construction hot dipped galvanized of rectangular size 570x20x30x0.80mm thick having holes at both ends for securing the stringers on to the pedestal head using fully threaded screws ensuring maximum lateral stability in all directions, the grid formed by the pedestal and stringer assembly shall receive the floor panel, this system shall provide adequate solid, rigid support for access floor panel, the system shall provide a minimum clear uninterrupted clearance between the bottom of the floor for electrical conduits and wiring etc. all complete as per the architectural drawings, as specified and as directed by the Engineer-in-charge. (c) Providing and fixing Access Floor panel of 600x600x32 mm medium grade Filled Steel anti static high pressure Lamination of 800H grade (FS800H). Access Floor panel shall be steel welded construction with an enclosed bottom pan with uniform pattern of 64 hemispherical cones. The top and bottom plates of Steel Gauges: top 0.6 mm and bottom 0.7 mm fused spot welded together (minimum 64 welds in each dome and 20 welds along each flange). The panel should be Corroresist epoxy coated for lifetime rust protection and cavity formed by the top and bottom plate is filled with Pyrogrip noncombustible Portland cementitious core mixed with lightweight foaming compound. The access floor shall be factory finished with Anti-static High Pressure laminate with Non Warp technology upto 1mm thickness for superior adhesion and Surface flatness within 0.75mm. The panel is to withstand a Concentrated Load of 363 kgs applied on area 25mm x 25mm without collapse in the centre of the panel which is placed on four steel blocks. The panel will withstand and Uniformly Distributed Load (UDL) minimum 1250 kg/sqm and an impact load of 50kg all complete as per the approved manufacturers specification and as per the direction of Engineer-in-charge. All specification must be printed on the side of the panel to ensure the quality of the product. 450 mm Finished Floor Height (FFH)	130	sqm	6500.00	845000.00

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Tender Title: Construction of MSSR RCC Antenna Tower (Civil and Electrical Work) at Kathihar, Radar Station.
Tender ID: 2024_AAI_219976_1

Tender Inviting Authority: AGM(E-C)

Name of Work: Construction of MSSR RCC Antenna Tower (Civil & Electrical Work) at Kathihar, Radar Station.

Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s B. Prasad & Company (GSTN-NA) BID ID 803061	
				Rate	Amount
50.10	drawings, as specified and as directed by the Engineer-in-charge. (c) Providing and fixing Access Floor panel of 600x600x32 mm medium grade Filled Steel anti static high pressure Lamination of 800H grade (FS800H). Access Floor panel shall be steel welded construction with an enclosed bottom pan with uniform pattern of 64 hemispherical cones. The top and bottom plates of Steel Gauges: top 0.6 mm and bottom 0.7 mm fused spot welded together (minimum 64 welds in each dome and 20 welds along each flange). The panel should be Corroresist epoxy coated for lifetime rust protection and cavity formed by the top and bottom plate is filled with Pyrogrip noncombustible Portland cementitious core mixed with lightweight foaming compound. The access floor shall be factory finished with Anti-static High Pressure laminate with Non Warp technology upto 1mm thickness for superior adhesion and Surface flatness within 0.75mm. The panel is to withstand a Concentrated Load of 363 kgs applied on area 25mm x 25mm without collapse in the centre of the panel which is placed on four steel blocks. The panel will withstand and Uniformly Distributed Load (UDL) minimum 1250 kg/sqm and an impact load of 50kg all complete as per the approved manufacturers specification and as per the direction of Engineer-in-charge. All specification must be printed on the side of the panel to ensure the quality of the product. 450 mm Finished Floor Height (FFH).	0.01	sqm	1.00	0.01
51.00	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : In 75x75 mm deep chase.	85.00	mtr	200.00	17000.00
52.00	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter	240.00	mtr	200.00	48000.00
53.00	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Coupler. 110 mm.	5.00	each	140.00	700.00
54.00	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Single tee with door. 110x110x110 mm.	5.00	each	200.00	1000.00

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Tender Inviting Authority: AGM(E-C)

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Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

SLNo	Description of Work / Item(s)	No. of Qty	Units	M/s B. Prasad & Company (GSTN-NA) BID ID -803081	
				Rate	Amount
55.00	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Single tee without door. 110x110x110 mm.	5.00	each	200.00	1000.00
56.00	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5. 110 mm bend.	30.00	each	120.00	3600.00
57.00	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Shoe (Plain). 110 mm Shoe.	15.00	each	110.00	1650.00
58.00	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement: 4 coarse sand) and making good the wall etc. complete. 110 mm.	240.00	each	50.00	12000.00
59.00	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) 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 upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto 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.	225.00	sqm	700.00	157500.00

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SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	M/s B. Prasad & Company (GSTN-NA) BID ID -603051	
				Rate	Amount
60.00	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. 8 mm thick fully perforated calcium silicate board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225 kg/ sq. cm, bending strength 100 kg/sq. cm , of size 595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg /cum backing.	185.00	sqm	1500.00	277500.00

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SCHEDULE OF WORK / ITEM(S)

SLNo	Description of Work / Item(s)	No.of Qty	Units	M/s B. Prasad & Company (GSTN-NA) BID ID - 803061	
				Rate	Amount
60.10	kg/ sq. cm, bending strength 100 kg/sq. cm , of size 595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg /cum backing.	.01	sqm	1.00	0.01
61.00	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand).	2390.00	sqm	250.00	597500.00
62.00	15 mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement: 6 coarse sand).	1651.60	sqm	275.00	454190.00
63.00	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand).	420.00	sqm	350.00	147000.00
64.00	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand).	515.00	sqm	200.00	103000.00
65.00	Extra for plastering exterior walls of height more than 10 m from ground level for every additional height of 3 m or part thereof.	800.00	sqm	20.00	16000.00
66.00	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 kg/10 sqm).	2170.00	sqm	110.00	238700.00
67.00	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	285.00	sqm	180.00	51300.00
68.00	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	2890.00	sqm	80.00	231200.00
69.00	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats.	2390.00	sqm	90.00	215100.00
70.00	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : 3 mm thick.	710.00	sqm	400.00	284000.00



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SCHEDULE OF WORK / ITEM(S)

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				Rate	Amount
71.00	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	770.00	sqm	20.00	15400.00
72.00	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	90.00	cum	5000.00	450000.00
73.00	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 50 mm 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. 80 mm thick C.C. paver block of M-35 grade with approved color design and pattern.	255.00	sqm	700.00	178500.00
74.00	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	5.00	each	5000.00	25000.00
75.00	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap.	5.00	each	2000.00	10000.00
76.00	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - Exposed on wall. 20 mm dia nominal bore.	50.00	mtr	350.00	17500.00
77.00	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - Exposed on wall. 50 mm dia nominal bore.	30.00	mtr	700.00	21000.00
78.00	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, including making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall : 15 mm dia nominal bore.	20.00	mtr	400.00	8000.00
79.00	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, including making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall : 20 mm dia nominal bore.	20.00	mtr	450.00	9000.00

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Tender Inviting Authority: AGM(E-C)

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SCHEDULE OF WORK / ITEM(S)

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				Rate	Amount
80.00	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 50 mm dia nominal bore.	60.00	mtr	500.00	30000.00
81.00	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 50 to 80 mm nominal bore.	5.00	each	1200.00	6000.00
82.00	Providing and filling sand of grading zone V or coarser grade, allround the G.I. pipes in external work : 15 mm diameter pipe.	20.00	mtr	50.00	1000.00
83.00	Providing and filling sand of grading zone V or coarser grade, allround the G.I. pipes in external work : 20 mm diameter pipe.	20.00	mtr	50.00	1000.00
84.00	Providing and filling sand of grading zone V or coarser grade, allround the G.I. pipes in external work : 50 mm diameter pipe.	60.00	mtr	60.00	3600.00
85.00	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 15 mm nominal bore.	5.00	each	200.00	1000.00
86.00	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 20 mm nominal bore.	5.00	each	225.00	1125.00
87.00	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 50 mm nominal bore.	10.00	each	500.00	5000.00
88.00	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore.	5.00	each	600.00	3000.00
89.00	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore.	5.00	each	800.00	4000.00
90.00	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931. 15mm nominal bore.	5.00	each	600.00	3000.00
91.00	Providing and fixing C.P. Brass extension nipple (size 15mm x 50mm) of approved make and quality as per direction of Engineer-in-charge.	5.00	each	80.00	400.00
92.00	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion. Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	470.00	kg	450.00	211500.00

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SCHEDULE OF WORK / ITEM(S)

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93.00	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	700.00	kg	480.00	336000.00
94.00	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS:12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides.	100.00	sqm	800.00	80000.00
95.00	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm).	100.00	sqm	1000.00	100000.00

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96.00	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With stainless steel cover plate minimum 1.25 mm thickness.	4.00	each	2200.00	8800.00
97.00	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	10.00	each	600.00	6000.00
98.00	Grading roof for water proofing treatment with: Cement concrete 1.2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	10.00	cum	8000.00	80000.00
99.00	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	120.00	sqm	500.00	60000.00
100.00	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level. All types of soil. 300 mm dia.	50.00	mtr	500.00	25000.00
101.00	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level. Rocky strata including Boulders. 300 mm dia.	40.00	mtr	1400.00	56000.00

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				Rate	Amount
102.00	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 200 mm nominal size dia.	40.00	mtr	900.00	36000.00
103.00	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 200 mm nominal size dia.	50.00	mtr	850.00	42500.00
104.00	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	3.00	cum	1500.00	4500.00
105.00	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	30.00	hour	500.00	15000.00
106.00	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of: 200 mm dia.	1.00	each	500.00	500.00
107.00	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete. 200 mm clamp.	1.00	each	1000.00	1000.00
108.00	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I). 200 mm dia.	1.00	each	400.00	400.00
109.00	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	990.00	sqm	275.00	272250.00

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Tender Inviting Authority: AGM(E-C)

Name of Work: Construction of MSSR RCC Antenna Tower (Civil & Electrical Work) at Katihar, Radar Station.

Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

SLNo	Description of Work / Item(s)	No. of Qty	Units	M/s B. Prasad & Company (GSTN-NA) BID ID -803061	
				Rate	Amount
110.00	Carrying out Soil Investigation by making 2 Nos. of Bore-Holes of 150mm to 250mm dia. by any standard method to 30m depth below ground level / bed level in all kinds of soil like clay, silt, sand, stiff clay, mixed soils etc. except rocks for the purpose of collecting Disturbed & Un-disturbed soil samples, conducting Standard Penetration Test at suitable intervals by Split Spoon Sampler in the bore hole as per IS:2131 including preparation and submission of bore-log as per IRC : 75 and 78 and Clause 2400 of Specifications for Road & Bridge Works (5th Revision), Published by IRC, and also including hire charges of tools and plants complete as per the direction of Engineer-in-Charge. Conducting following laboratory investigation and submission of report in 2 (Two) Hard copies and 1 (one) soft copy, giving all relevant information data like Bore log and water table, test results, recommendation of foundation, calculations and discussions. 1. Liquid Limit, 2. Plastic Limit, 3. Grain size analysis by Hydrometer Method, 4. Determination of Unconfined Compression Strength, 5. Determination of Consolidation Properties.	2.00	no.	30000.00	60000.00
111.00	Preparation of Structural design & drawing of MSSR Rader Antenna building (Height 30m Approx.) including foundation details and bar bending schedule. Consultant will submit the vetted drawings and design by Govt. Engg. College/NIT/IIT in 3 (Three) Hard copies and 1 (one) soft copy.	1.00	job	200000.00	200000.00
112.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required. Group B	100.00	Point	1000.00	100000.00
113.00	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	350.00	Metre	300.00	105000.00
114.00	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	120.00	Metre	500.00	60000.00
115.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. a) 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire.	350.00	Metre	220.00	77000.00
116.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. b) 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire.	200.00	Metre	350.00	70000.00
117.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. c) 2 X 6 sq. mm + 1 X 6 sq. mm earth wire.	120.00	Metre	400.00	48000.00
118.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. d) 2 X 10 sq. mm + 1 X 6 sq. mm earth wire.	120.00	Metre	500.00	60000.00
119.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. a) 5/6 amps switch.	80.00	Each	70.00	5600.00

Tender Inviting Authority: AGM(E-C)

Name of Work: Construction of MSSR RCC Antenna Tower (Civil & Electrical Work) at Katihar, Radar Station.

Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No. of Qty	Units	M/s B. Prasad & Company (GSTN-NA) BID ID -803061	
				Rate	Amount
120.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. b) 15/16 amp switch.	75.00	Each	120.00	9000.00
121.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. c) 5/6 amp socket outlet.	70.00	Each	100.00	7000.00
122.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. d) 6 pin 15/16 amp socket outlet.	60.00	Each	150.00	9000.00
123.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. e) Telephone socket outlet.	6.00	Each	130.00	780.00
124.00	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. a) 1 or 2 Module (75mmX75mm).	30.00	Each	200.00	6000.00
125.00	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. b) 6 Module (200mmX75mm).	50.00	Each	300.00	15000.00
126.00	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. c) 8 Module (125mmX125mm).	15.00	Each	350.00	5250.00
127.00	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. d) 12 Module (200mmX150mm).	12.00	Each	4000.00	48000.00
128.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 6/10 amps modular socket outlet and 6/10 amps modular switch, connection etc. as required.	40.00	Each	375.00	15000.00
129.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 5 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	45.00	Each	500.00	22500.00
130.00	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.) a) 8 way (4 +24), Double door.	4.00	Each	9000.00	36000.00
131.00	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) a) 4 way (4 +12), Double door	6.00	Each	3800.00	22800.00

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Tender Title: Construction of MSSR RCC Antenna Tower (Civil and Electrical Work) at Katihar, Radar Station.
Tender ID: 2024_AAI_219976_1

Tender Inviting Authority: AGM(E-C)

Name of Work: Construction of MSSR RCC Antenna Tower (Civil & Electrical Work) at Katihar, Radar Station.

Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

SL.No	Description of Work / Item(s)	No. of Qty	Units	M/s B. Prasad & Company (GSTIN: 09AEE0000001)	
				Rate	Amount
132.00	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator). a) 4 way, Double door.	4.00	Each	1800.00	7200.00
133.00	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator). a) 12 way, Double door.	3.00	Each	2100.00	6300.00
134.00	Supplying and fixing 5 amps to 32 amps rating, 240 volts, "C" curve, miniature circuit breaker 10KA, suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. a) Single pole.	75.00	Each	135.00	10125.00
135.00	Supplying and fixing 5 amps to 32 amps rating, 240 volts, "C" curve, miniature circuit breaker 10KA, suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. b) Single pole and neutral.	25.00	Each	700.00	17500.00
136.00	Supplying and fixing 63A rating, four pole, 415 volts, "C" curve, miniature circuit breaker 10KA, suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	8.00	Each	1700.00	13600.00
137.00	Supplying and Fixing of 125AMP MCCB 36 kA, Four Pole, 415 volts, adjustable Microprocessor release based MCCB (Ics=Icu= 100%) having Over Current, Short Circuit, Earth Fault Protection suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	5.00	Each	11000.00	55000.00
138.00	Supply of 1200 mm sweep, BLDC 5 star rated, ceiling fan suitable for 230 V, 50 Hz, single phase AC Supply, etc. complete as required.	12.00	Each	2500.00	30000.00
139.00	Supply of LED of 1x 36 watt recessed mounting Light Luminaires of size 600x600 mm, single piece, integral, powder coated pressure die-cast aluminium housing with sufficient nos. of high power LEDs with suitable lens to ensure uniform distribution of light, integral electronics power driver suitable for 230V+ 10%, 50Hz AC etc complete as required and as per specification..	65.00	Each	1500.00	97500.00
140.00	Supply of LED of 1x45 watt street Light Luminaires, single piece, integral, powder coated pressure die-cast aluminium housing with sufficient nos. of high power LEDs with suitable lens to ensure uniform distribution of light, integral electronics power driver suitable for 230V+ 10%, 50Hz AC etc complete as required and as per specification.	12.00	Each	1700.00	20400.00
141.00	SITC of Wall mounting Stainless Steel Hand Dryer with Air speed : 86-100 m/s, drying time : < 16-20 sec, touch free infra red activation, protection Class IPX1, Noise level 60-70Db(A) and suitable to works on 230 V, 50 Hz, AC supply etc complete as required as required. (Model no. EH 210N, Make: Euronics or equivalent.)	2.00	Each	10000.00	20000.00
142.00	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	12.00	Each	100.00	1200.00

Tender Inviting Authority: AGM(E-C)

Name of Work: Construction of MSSR RCC Antenna Tower (Civil & Electrical Work) at Katihar, Radar Station.

Contract No: 2024_AAI_219976_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No. of Qty	Units	M/s B. Prasad & Company (GSTN-NA) BID ID - 803061	
				Rate	Amount
143.00	Installation, testing and commissioning of prewired, recessed type 1x 36W LED light fittings of all types, complete with all accessories etc. on existing false ceiling with the help of chain and anchor fastner, including connections with 1.5 sq.mm 'PVC FRLS insulated, copper conductor, single core cable etc. as required.	65.00	Each	50.00	3250.00
144.00	Installation, testing and commissioning of 1x 45W LED street light fittings complete with all accessories etc. with provision of suitable GI/MS Pipe, clamping on wall Surface or as per site requirement including connections with 1.5 sq.mm 'PVC FRLS insulated, copper conductor, single core cable etc. complete as required.	12.00	Each	160.00	1920.00
145.00	Supply of 300 mm sweep, 1400 RPM, heavy duty exhaust fan in metallic body suitable for 230V, 50Hz power supply.	2.00	Each	4000.00	8000.00
146.00	SITC of LED aviation light comprising of aluminium housing with polycarbonate enclosure to works on 230V, 50 Hz, AC supply i/c electrical connection, suitable GI/MS Pipe for installation etc complete as required. Type: BGAV 302 LED, Make: Bajaj.	4.00	Each	6000.00	24000.00
147.00	Supply and installation of 20 Watt BATTEN LED TUBE LIGHTS complete with all accessories as required.	32.00	Each	250.00	8000.00
148.00	Supplying and installing of 150 mm width X 50 mm depth X 1.6 mm thickness size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.	150.00	Mtr	800.00	120000.00
149.00	Supplying and drawing following pair of 0.5 sq mm FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. (i) 4 Pair	120.00	Mtr	25.00	3000.00
150.00	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required. i) 25 mm	150.00	Mtr	150.00	22500.00
151.00	Supply of LED Bulkhead, pressure die cast, aluminium housing, polycarbonate diffuser with IP 65, IK08 dust tight and water Jet proof for clean operation, luminaire efficiency of luminaire not less than 100 lm/W, LED shall have reverse polarity, open and short circuit protection. and suitable with 240V, 50Hz ac supply etc required as per tender specification.	40.00	Each	1600.00	64000.00
152.00	Supply & Installation of 18 Watt round shaped recess mounted LED downlight with Aluminium die-cast body, finish with drop down PC diffuser to deliver low glare illumination with optimized heat sink for efficient heat dissipation complete with all accessories and suitable with 240V, 50Hz ac supply as required.	50.00	Each	1000.00	50000.00
Total Rs.					37764585.02

(Rupees Three Crores Seventy Seven Lacs Sixty Four Thousand Eight Hundred Eighty Five and Two Paise Only)

At Anand
Am (E-C)

Parshuram
22.04.25

(Parshuram)

DGM (E-C)

AAI, Bagdogra Airport

Signature Not Verified

Digitally signed by ASHWINI KUMAR

Date: 2025.04.24 12:51:40 IST

Location: eProcurement System for Central PSUs