

No. IAA/ENGG/CIVIL/FIXTURE/2022-23/01

Dated: 15.07.2022

सेवा मे,
मेसर्स आरडीओ इंटरप्राइजेज
जी.एफ. 03 के.एच नंबर 619/8 टिवोली के पास
गार्डन छतरपुर नई दिल्ली - 110074.

To,
M/s RDO ENTERPRISES
G.F, 03 K.H No.619/8 Near Tivoli
Garden Chhatarpur New Delhi - 110074.

कार्य का नाम : वर्ष 2022 - 23 के दौरान भारतीय विमानन अकादमी, हॉस्टल ब्लॉक, वसंत कुंज, नई दिल्ली में प्रतिस्थापन, वॉशरूम फिक्स्चर और अन्य विविध कार्यों की मरम्मत।

Name of Work: Replacement / repairing of washrooms fixtures and other works at Indian Aviation Academy and Hostel Block, Vasant Kunj, New Delhi (FY 2022-23).

संदर्भ : आपकी ऑनलाइन जमा की गयी निविदा आईडी: 2022_AAI_118014_1 और दिनांक: 11.07.2022 को खोली गयी प्राइस बिड।

Ref: Your online bid submission of Tender ID: 2022_AAI_118014_1 and Price bid opened on 11.07.2022.

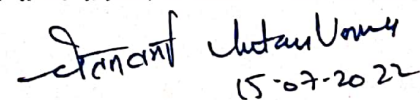
1. ऊपर उल्लेखित कार्य हेतु आपकी ई-निविदा, अध्यक्ष, कार्यकारी निदेशक भारतीय विमानन अकादमी की ओर से आपके द्वारा कुओटेड रकम रु. 24,82,354.70 /- (रु. चौबीस लाख बयासी हजार तीन सौ चौवन रुपये और सत्तर पैसे केवल) पर स्वीकृत की जाती है जो अनुमानित लागत रु. 25,11,801/- (रु. पच्चीस लाख ग्यारह हजार आठ सौ एक केवल) से 1.17 % कम है और न्यायसंगत लागत रु. 25,11,801/- (रु. पच्चीस लाख ग्यारह हजार आठ सौ एक केवल) से 1.17% कम है।

Your E- tender for the work mentioned above is hereby accepted on behalf of Executive Director, Indian Aviation Academy at your quoted rate of Rs. 24,82,357.70/- (Rupees Twenty-Four Lakh Eighty-Two Thousand Three Hundred Fifty-Seven Rupees and Seventy Paise Only) which is 1.17% below the estimated cost put to tender of Rs. 25,11,801/- and 1.17% below the justified cost of Rs. 25,11,801/-.

2. प्रबंधक (अभि- सिविल), भारतीय विमानन अकादमी, इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप दिनांक: 25.07.2022 तक प्रबन्धक (अभि- सिविल), भारतीय विमानन अकादमी, वसन्त कुंज नई दिल्ली-110070 के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा 100/- रुपये (एक सौ रुपये मात्र) के गैर न्यायिक स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा ही उठाया जाएगा।

Manager (E-C), Indian Aviation Academy shall be the Engineer-in-charge of the work. You are requested to attend the office of Manager (E-C), Indian Aviation Academy Vasant Kunj New Delhi - 110070 by 25.07.2022 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. आपसे निवेदन है कि आप अनुबंधित श्रमिक (विनियमन एवं उन्मूलन) अधिनियम 1970, अनुबंधित श्रमिक (विनियमन एवं उन्मूलन) केंद्रीय नियम 1971, न्यूनतम वेतन अधिनियम और केंद्रीय एवं राज्य सरकार के सभी नियमों का पालन करेंगे।


15-07-2022

प्रभारी अभियंता / Engineer-in-Charge
अभिचांगिक सिविल / (Engineering Civil)
भारतीय विमानन अकादमी / Indian Aviation Academy
वसंत कुंज नई दिल्ली-110070 / Vasant Kunj, New Delhi-110070



भारतीय विमानन अकादमी
राष्ट्रीय विमानन प्रबंधन संस्थान और अनुसंधान सोसाइटी
एएआई, वीसीएएम और डीजीसीए, सरकार भारत का एक संयुक्त उद्यम



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You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970, Contract Labour (Regulation and Abolition) Central rules 1971, minimum wages act and rules thereof Central and State Governments.

4. आपको निर्देश दिया जाता है कि तुरंत प्रबंधक (अभि- सिविल), भारतीय विमानन अकादमी, वसन्त कुंज नई दिल्ली - 110070, से मिलें वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Manager (E-C), Indian Aviation Academy Vasant Kunj New Delhi - 110070 immediately who will arrange to hand over the site to you.

5. कृप्या नोट कर लें कि काम करने का निर्धारित समय 12 (बारह) महीने है जो कि इस पत्र के जारी होने के बाद से दसवें दिन अथवा कार्य शुरू करने की वास्तविक तिथि, जो भी पहले हो, से गिना जाएगा।

Please note that the time allowed for carrying out the work shall be Twelve (12) Months and same shall be reckoned from the 10th days after issue of this letter or actual date of start of work whichever is earlier.

6. ठेके के संबंध में आगे का कोई भी पत्राचार प्रभारी अभियंता प्रबंधक (अभि- सिविल) भारतीय विमानन अकादमी, वसन्त कुंज नई दिल्ली - 110070, के पते पर किया जाये।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge, Indian Aviation Academy, Vasant Kunj, New Delhi – 110070.

7. कृप्या पावती भेजें और इस पत्र के साथ संलग्न दूसरी प्रति को हस्ताक्षरित कर स्वीकृति कि निशानी के रूप में 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.

8. यदि कहीं भी हिंदी या अंग्रेजी संस्करण में कोई अंतर या अस्पष्टता है, तो अंग्रेजी संस्करण मान्य होगा।

If there is any difference or ambiguity in Hindi or English version anywhere, the English version shall prevail.

भवदीय/Yours sincerely,

चेतन कुमार 15.07.2022

प्रभारी अभियंता / Engineer-In-Charge

अभिजीत सिविल / (Engineering Civil)

भारतीय विमानन अकादमी / Indian Aviation Academy

वसन्त कुंज नई दिल्ली - 110070 / Vasant Kunj, New Delhi - 110070

प्रबंधक (अभि- सिविल) / Manager (Engg.-Civil)

अभियंता प्रभारी / Engineer-In-Charge

कृते / For and on behalf of the

कार्यकारी निदेशक भारतीय विमानन अकादमी, वसन्त कुंज नई दिल्ली - 110070.
Executive Director, Indian Aviation Academy Vasant Kunj, New Delhi - 110070.

Enclosed BOQ

BOQ					
Name of Work: Replacement/repairing of washrooms fixtures & other works at Indian Aviation Academy & Hostel Block, Vasant Kunj, New Delhi (FY 2022 - 23). Tender ID: 2022_AAI_118014_1					
Item No.	Description of Work	Qty	Unit	Rate	Amount
1.00	Providing & Fixing of Urinal Sensor plate of size 5" x 5" in S.S Steel (Grade 304) with allen key type screws including all plate cuttings for screws complete as per satisfaction and direction of Engineer-In-charge.	12.00	Each	50.00	600.00
2.00	Providing & Fixing Sentronic Urinal Sensor Eye for Urinal Sensor of Make Roca (model No RT5X9315E00) or equivalent Make as per AAI approved material list Complete as per satisfaction and direction of Engineer-In-charge. The Sensor eye should fit perfectly in the sensor plate.	23.00	Each	1200.00	27600.00
3.00	Providing & Fixing Sentronic Urinal DC Battery Box for Urinal Sensor of Make Roca (model No RT5X9315E00) or equivalent Make as per AAI approved material list complete as per satisfaction and direction of Engineer-In-charge. The Battery Box should fit perfectly in the above mentioned existing sensor unit of ROCA make installed in washrooms.	23.00	Each	1200.00	27600.00
4.00	Providing & Fixing Solenoid Valve for Urinal Sensor of Make Roca (model No RT5X9315E00) or equivalent Make as per AAI approved material list complete as per satisfaction and direction of Engineer-In-charge. The Solenoid Valve should fit perfectly in the above mentioned existing sensor unit of ROCA make installed in washrooms.	23.00	Each	2000.00	46000.00
5.00	Providing & Fixing Solenoid Valve Packing Kit for Urinal Sensor of Make Roca (model No RT5X9315E00) or equivalent make as per AAI approved material list complete as per satisfaction and direction of Engineer-In-charge. The Solenoid Valve Packing Kit should fit perfectly in the above mentioned existing sensor unit of ROCA make installed in washrooms.	23.00	Each	590.00	13570.00
6.00	Providing & Fixing complete Filter with brass rod nut and washer for Urinal Sensor of Make Roca (model No RT5X9315E00) or equivalent Make as per AAI approved material list complete as per satisfaction and direction of Engineer-In-charge. The filter should fit perfectly in the above mentioned existing sensor unit of ROCA make installed in washrooms.	23.00	Each	50.00	1150.00
7.00	General services (i/c changing filter and O-ring) of urinal sensor unit of Make Roca or equivalent make as per AAI approved material list complete as per direction and satisfaction of Engineer-In-charge.	168.00	Each	3500.00	588000.00
8.00	Providing & Fixing Complete Sensor Unit for Washbasin of Make Euronics (Model No ET08VS Basin Mount Sensor Tap) or equivalent Complete as per satisfaction and direction of Engineer-In-charge	30.00	Each	5500.00	165000.00
9.00	Providing & Fixing Sensor EYE for Washbasin of Make Jaquar (Model No SNRCHR51027) or equivalent Complete as per satisfaction and direction of Engineer-In-charge	10.00	Each	4000.00	40000.00
10.00	Providing & Fixing Battery Box for Washbasin sensor of Make Jaquar (Model No SNRCHR51027) or equivalent as per AAI approved material list complete as per satisfaction and direction of Engineer-In-charge. The Battery Box should fit perfectly in the above mentioned existing sensor unit of Jaquar make installed in washrooms.	10.00	Each	4000.00	40000.00
11.00	Providing & Fixing Solenoid Valve for Washbasin sensor of Make Jaquar (Model No SNRCHR51027) or equivalent Make as per AAI approved material list complete as per satisfaction and direction of Engineer-In-charge. The Solenoid Valve should fit	10.00	Each	2500.00	25000.00

15.07.2022

प्रभारी अभियंता / Engineer-In-Charge
अभियांत्रिकी विभाग / (Engineering Civil)
भारतीय विमानन अकादमी / Indian Aviation Academy
प्लॉट नं. 110070 / Vasant Kunj, New Delhi-110070



भारतीय विमानन अकादमी
राष्ट्रीय विमानन प्रबंधन संस्थान और अनुसंधान सोसाइटी
एएआई, वीसीएएम और डीजीसीए, सरकार भारत का एक संयुक्त उद्यम



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	perfectly in the above mentioned existing sensor unit of Jaquar make installed in washrooms.				
12.00	Providing & Fixing Soap Dispenser of Make EURONICS (Model No. ES-04) or equivalent Make as per AAI approved material list Complete as per satisfaction and direction of Engineer-In-charge	37.00	Each	2000.00	74000.00
13.00	Providing and fixing Health faucet of make Jaquar (model no: ALD-573) or equivalent make as per AAI approved material list with 1 metre long Flexible Tube and CP wall hook with PVC & SS Screws including cutting and making good the wall wherever required complete as per satisfaction and direction of Engineer-In-charge.	37.00	Each	1400.00	51800.00
14.00	Providing and fixing white color vitreous Wall mounted European W.C. with cistern & seat cover of make Jaquar Model No- OPS-15951 or equivalent as per AAI approved material list with CP bolts, nuts, CI brackets, with 'P' or 'S' trap & rubber buffers etc. complete including cutting and making good the wall and floors wherever required as per satisfaction and direction of Engineer-In-charge.	8.00	Each	8000.00	64000.00
15.00	Providing and fixing white color vitreous China flat back, rectangular wash basin of make - ROCA : White Diverta (RS 327115000- 620 x 440) or equivalent as per AAI approved material list of 32mm dia outlet with CP Brass connection, Rubber adopter for waste connection and CI Brackets etc including cutting and making good the walls wherever required complete as per per satisfaction and direction of Engineer-In-charge.	10.00	Each	3500.00	35000.00
16.00	Providing and fixing white color vitreous Wall mounted European W.C. Seat Cover of make Jaquar Model No- OPS-15951 or equivalent as per AAI approved material list wherever required as per satisfaction and direction of Engineer-In-charge.	10.00	Each	1500.00	15000.00
17.00	Providing and fixing Bottle Trap of make Jaquar Model No Bottle Trap - Chrome CODE: ALD-CHR-769L300X190 or equivalent as per AAI approved material list wherever required as per satisfaction and direction of Engineer-In-charge.	10.00	Each	700.00	7000.00
18.00	Providing and fixing Duracell Battery Ultra (AA) wherever required complete as per direction of Engineer in-charge.	1248.00	Each	40.00	49920.00
19.00	Providing and fixing Duracell Battery Ultra (9V) wherever required complete as per direction of Engineer in-charge.	600.00	Each	1001.00	600600.00
20.00	"Providing and Fixing 4 mm thick Aluminium Composite sheet (0.25mm aluminium + 3.50LDPE + 0.25mm aluminium) with aluminium frame work made out with aluminium tube(38x25mm) on wall including required aluminium cleats, screws, weather silicon etc. complete as per direction of Engineer in-charge. Rate includes execution upto height 25 m and all charges of scaffolding etc. all complete. Nothing extra shall be paid in this regard.	15.00	Sqm	998.00	14970.00
21.00	"Providing and fixing double insulated 30mm thick heat strengthened / toughened glass (outer 8mm thick high performance toughened clear glass + 16mm air Gap with argon gas + inner 6mm thick toughened clear glass) using heavy duty aluminium extruded built up profiles. The outer glass shall be solar control, as well as thermal control, UV protected with high light transmission properties. The outer Glass shall be heat reflective having solar control (Maximum sF - 0.25), U values (Maximum - 3.30 w/sqm.k), high light transmission (minimum 13%). The glass shall be fixed in position over aluminium member with 65mm wide and 13.5mm deep pressure plate and pressure plate cover along with epdm gasket of suitable size and weather silicon of approved grade as shown in details. The glass panel shall be free from any scratch / tonB marks. The aluminum glazing member shall be fixed to R.c.c. / steel beams / columns through adequately designed M.S. galvanized anchor brackets / expansion fasteners of approved make. Rate excludes P/F Semi Unitised Aluminium Structural Glazing. Rate includes execution upto height 25 m and all charges of scaffolding etc. all complete. Nothing extra shall be paid in this regard. "	20.00	Sqm	15000.00	300000.00

चित्त वरि *Chetan Verma*
15.07.2022

22.00	"Providing and fixing 12 mm Planilux Toughened Glass (AIS 10MM Clear Tempered) of Make Saint Gobin or equivalent all complete as per direction and satisfaction of Engineer-In-Charge. Rate includes all sundries i/c pt 92 size connector, pt 80 quarduple connector of dorma or equivalent, aluminium, silicone, masking tape, all T&P & installation complete. Rate includes execution upto height 25 m and all charges of scaffolding etc. all complete. Nothing extra shall be paid in this regard.	25.00	Sqm	3500.00	87500.00
23.00	Constructing three numbers Rainwater harvesting & recharge pit in Indian Aviation Academy & Hostel Block as per the guidelines of Delhi Jal Board all complete.				
23.1	"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 lift upto 1.5 m, as directed by Engineer-in-charge. 2.6.1 All kinds of soil"	175.44	Cum	25.00	4386.08
23.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	9.93	Cum	500.00	4965.38
23.30	"Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)"	14.55	Cum	60.00	872.70
23.4	Providing & laying 0.5 m thick layer of brick aggregate (40-63 mm size) in the recharge chamber for rainwater harvesting at Indian Aviation Academy as per the instructions of Engineer in Charge.	33.10	Cum	3500.00	115858.75
23.5	Providing & laying 0.1 m thick layer of charcoal/ activated carbon in the recharge chamber for rainwater harvesting at Indian Aviation Academy as per the instructions of Engineer in Charge.	227.75	Kg	200.00	45549.04
23.6	Providing & laying 0.2 m thick layer of very coarse sand (1.5 to 2 mm size) in the recharge chamber for rainwater harvesting at Indian Aviation Academy as per the instructions of Engineer in Charge.	13.24	Cum	2000.00	26482.00
23.7	Providing & laying Geo textile membrane in the recharge chamber for rainwater harvesting at Indian Aviation Academy as per the instructions of Engineer in Charge.	66.21	Sqm	150.00	9930.75

भवदीय/Yours sincerely,

Chetan Kumar Verma
15.07.2022

प्रभारी अभियंता / Engineer-In-Charge
अभियंता (सिविल) / (Engineering Civil)
भारतीय विमानन अकादमी / Indian Aviation Academy
वसंत कुंज नई दिल्ली-110070 / Vasant Kunj, New Delhi-110070

चेतन कुमार वर्मा / Chetan Kumar Verma

प्रबंधक (अभि-सिविल) / Manager (Engg.-Civil)

अभियंता प्रभारी / Engineer-In-Charge

कृते / For and on behalf of the

कार्यकारी निदेशक भारतीय विमानन अकादमी, वसन्त कुंज नई दिल्ली - 110070.

Executive Director, Indian Aviation Academy Vasant Kunj, New Delhi - 110070.