



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संदर्भ सं. : एएआई/डीएटीएस/ई-ई/डी.जी.-रीप्लेस/2025-26/ कार्य आदेश-08
No: AAI/DATS/E-E/DG-Repl./2025-26/ W.O.- 08

दिनांक:-08/12/2025
Date: - 08/12/2025

सेवा में / To,
मेसर्स हिमालय जनरेटर्स,
डी-248, सेक्टर-10, नोएडा, गौतम बुद्ध
नगर, उत्तर प्रदेश, 201301
फोन न. :- 9213113224

M/s Himalaya Generators,
D-248, Sector-10, Noida, Gautam Buddha
Nagar, Uttar Pradesh, 201301,
Email: - himalayagenerators@gmail.com

कार्य का नाम:- डीएटीएस कॉम्प्लेक्स, आईजीआई एयरपोर्ट, नई दिल्ली में 01 X 2000 केवीए, 415 वाल्ट डीजल जेनरेटर सेट का प्रतिस्थापन, टेंडर आई.डी. : (2025_AAI_251500_1).
Name of work:- Replacement of 01 X 2000 KVA, 415 V Diesel Generator Set at DATS Complex, IGI Airport, New Delhi. Tender ID:(2025_AAI_251500_1).

संदर्भ / Ref:-

- 1) उपरोक्त कार्य के लिए आपका टेंडर (निविदा आईडी: 2025_AAI_251500_1) (लिफाफा-2) दिनांक 17/11/2025 को खोला गया और रिवर्स ओक्सन 21.11.2025 को संपन्न हुआ / Your tender (Tender ID: 2025_AAI_251500_1) for the above said work (envelope -2) opened on Da 17/11/2025 and reverse auction completed on 21.11.2025.

महोदय / Sir,

1. उपर उल्लेखित कार्य हेतु आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है आपके द्वारा बताए गये मद पर आपकी राशि कुल ₹ 1,60,00,970.00 /- (रुपये एक करोड़ साठ लाख नौ सौ सतर) जी० एस० टी० रहित है जोकि निविदा की न्यायोचित राशि ₹ 2,40,53,600.00 से 33.48% कम है।

Your tender for the work mentioned above is here by accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted for a sum totaling to Rs. 1,60,00,970.00 (Rupees One Crore Sixty Lakhs Nine Hundred Seventy only) Exclusive of G.S.T. which is 33.48% below the Justified Cost of Rs. 2,40,53,600.00

2. वरिष्ठ प्रबंधक(अभि०-वि०), डी.ए.टी.एस. कॉम्प्लेक्स, आईजीआई एयरपोर्ट, नई दिल्ली कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप, आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 23/12/2025 तक वरिष्ठ प्रबंधक (अभि०-वि०), डी.ए.टी.एस. कॉम्प्लेक्स, नई दिल्ली के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा ₹100 के नोनज्युडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा उठाया जायगा।।

जारी/ Contd.....

Senior Manager (Engg-E), AAI, DATS Complex, IGI Airport, New Delhi shall be the **Engineer-in-Charge** of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf and attend the office of the **Senior Manager (Engg-E), AAI, DATS Complex, IGI Airport, New Delhi** by dated **23/12/2025** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs. 100/-** and the cost of stamp paper shall be borne by you.

3. आपके टेण्डर के साथ प्राप्त हुई बयाना राशि **₹7,21,608 /-** (रुपये सात लाख इक्कीस हजार छ सो आठ मात्र) को टेण्डर के नियम एवं शर्तों के अनुसार जमानत राशि में परिवर्तित किया जायेगा कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के अंदर जमानत राशि कि बकाया राशि **₹8,78,489/-** (रुपये आठ लाख अठथर हजार चार सौ नवासी मात्र) जमा करे वरना ठेके के दस्तावेज के अनुसार आपके रनिंग बिल से काट ली जायेगी ।

The Earnest Money amount of **Rs. 7,21,608/- (Rupees Seven Lakh Twenty-One Thousand Six Hundred Eight Only)** received along with your tender will be treated and converted as part of Security Deposit as per condition of contract document. Please deposit balance **Rs. 8,78,489/- (Rupees Eight Lakhs Seventy-Eight Thousand Four Hundred Eighty-Nine Only)** towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your running bill.

4. आपको यह भी निर्देश दिया जाता है आप तुरंत प्रबंधक (अभि०-वि०), डी.ए.टी.एस. कॉम्प्लेक्स से मिले वह आपको कार्य स्थल सौंपने की व्यवस्था करेंगे । कृपया ध्यान दें कि इस कार्य के लिए समय अवधि **छ (06) महीने** की होगी जो कि **15/12/2025** से गिना जाएगा ।

You are also directed to contact the **Manager (Engg-E), AAI, DATS Complex,** immediately to take over the site. Please note that time period for this work shall be **Six (06) Months** and shall be reckoned from **15/12/2025**.

5. इस ठेके के सम्बन्ध में आगे का कोई भी पत्राचार वरिष्ठ प्रबंधक (अभि०-वि०), डी.ए.टी.एस. कॉम्प्लेक्स, आई.जी.आई. एयरपोर्ट, नई दिल्ली के पते पर किया जाए ।

Any further correspondence with contract should normally be addressed to the **Senior Manager (Engg-E), AAI, DATS Complex, IGI Airport, New Delhi**.

6. उपरोक्त कार्य हेतु त्रुटि दायित्व अवधि दो(2) वर्ष होगी जोकि इस कार्य की समाप्ति की दिनांक से गिना जाएगा ।

The defect liability period will be Two (2) year after the date of completion of this work.

जारी/ Contd.....

7. कृपया पावती भेजे।

Please acknowledge the receipt.

धन्यवाद / Thanking you

संलग्न – (अ) मात्रा की अनुसूची / (09 पृष्ठ)

Encl:- (a) Schedule of Quantities/(09 Pages)

भवदीय / Yours sincerely

Smf
08/12

वरिष्ठ महाप्रबंधक (अभि० - वि) / SM (Engg-E),
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India,
डी.ए.टी.स., ई. गां. अ.हवाई अड्डा / DATS Complex, IGI Airport,
नई दिल्ली- 110037 / New Delhi-110037,
कृते एवं अध्यक्ष भा. वि. प्रा की ओर से / On behalf of Chairman, A.A.I.

SOQ

Name of Work : Replacement of 01 X 2000 KVA, 415 V Diesel Generator Set at DATS Complex, IGI Airport, New Delhi.

S. No	Description	Qty	Unit	Rate (Exc. GST)	Amount (Exc. GST)
1	Supply installation testing and commissioning of Open type DG set as per latest CPCB norms with having prime power ratings of 2000 KVA , 415 Volt at 1500 RPM, 0.8 lagging power factor at 415 V suitable for 50 HZ, 3 Phase system & for 0.85 Load factor, Meeting CAQM direction no-76 or latest, including testing at factory & site, with load for test and other necessary arrangement as per specifications, test report, OEM Manual, rating plate as per relevant IS code etc. and consisting of following.				
(a)	Diesel Engine : Diesel Engine 4 stroke Radiator Cooled, electric start, of suitable BHP at 1500 RPM suitable for above input of Alternator at 40 Degree C, 50% RH & at 1000 Meter MSL and confirming to BS 5514 / ISO standard practices capable of taking 10% over loading for one hour after 12 hours of continuous operation. The engine will be fitted complete with all the required accessories. This DG set to be synchronized with existing Perkins make 2 x 2000 KVA DG Sets				
	The DG Set should be capable of voltage buildup within 15 to 20 seconds after receiving start command and it should be ready to take first step load within 15 to 20 seconds after receiving start command on voltage buildup				
(b)	Engine mounted instrument panel fitted with and having digital display for following :-				
(i)	Start stop switch				
(ii)	Water Temperature & Pressure indication				
(iii)	Engine RPM indication				
(iv)	Low Lube Oil Pressure indication / High Temperature Trip indication				
(v)	Engine running Hours indication				
(vi)	Digital AVR				
(vii)	Amp Sentry protection				

Name of Work : Replacement of 01 X 2000 KVA, 415 V Diesel Generator Set at DATS Complex, IGI Airport, New Delhi.

S. No	Description	Qty	Unit	Rate (Exc. GST)	Amount (Exc. GST)
(viii)	Genset Monitoring - Monitors status of all critical engine and alternator parameters				
(ix)	Electrical and Mechanical protection				
(x)	Digital Electronic Governor				
(xi)	The Controller should be able to do the Master first Start Selection while used in parallel				
(xii)	Genset Battery Monitoring system to sense and warn against weak battery condition				
(xiii)	Synchronising and Load Sharing feature should be available as per site requirement				
(xiv)	Engine Controller should have in built protection for Reverse Power, Reverse VAR, Over Current, under and Over Frequency, Under & over Voltage without adding additional relays in panel				
(xv)	Modbus/Profibus interface OR Universally adopted interface (RS485RTU)				
(xvi)	Radiator Fan should be capable for required ventilation of DG Set and combustion air. Accordingly, Silent Enclosure should be of Fanless design.				
(xvii)	The engine speed shall be regulated through a Digital governing system which shall also provide over speed protection. The DG controller should have adjustable V/Hz feature to adjust and obtain best possible block loading capacity				
(c)	Alternator :				

Name of Work : Replacement of 01 X 2000 KVA, 415 V Diesel Generator Set at DATS Complex, IGI Airport, New Delhi.

S. No	Description	Qty	Unit	Rate (Exc. GST)	Amount (Exc. GST)
	Synchronous alternator rated at 1600 KW, 415 volts at 1500 RPM, 3 phase 50 Hz, AC supply with 0.8 lagging power factor at 40 Degree C, 50% RH & at 1000 Meter MSL. The alternator shall be having screen protected Drip proof (SPDP) enclosure, brushless, continuous duty self excited and self-regulated through AVR conforming to BS 5000 / BS 2613 suitable for tropical conditions and with class - H insulation in screen protected drip proof IP 23 enclosure. Alternator should be fitted with Space Heater, RTD/ BT D (without scanner). The terminal box shall be suitable for Cable outgoings termination. Band of voltage regulation shall be $\pm 0.5\%$ or better of rated voltage from no load to full load.				
	It should incorporate the following :-				
(i)	Continuous damper winding.				
(ii)	Thermistor or RTD and Bearing Temperature detectors				
(iii)	PMG exciter or separate winding for excitation.				
(iv)	Space Heater.				
(v)	Digital AVR to be part of genset controller.				
(vi)	Metering and protection CTs as required for paralleling.				
(vii)	Terminal box with both ends of each phase winding brought to terminals				
(d)	GENSET CONTROLLER				
	The DG set controller should have the following features:				
(i)	Digital Full authority electronic engine control for the fuel system				
(ii)	Digital voltage regulation with 3 phase voltage sensing as part of Genset controller				
(iii)	Digital Electronic Governing				
(iv)	Alternator protection providing single and three phase fault current regulation enabling downstream devices to have maximum current to clear the fault without damaging Alternator	1	Job	12971871.66	12971871.66

Name of Work : Replacement of 01 X 2000 KVA, 415 V Diesel Generator Set at DATS Complex, IGI Airport, New Delhi.

S. No	Description	Qty	Unit	Rate (Exc. GST)	Amount (Exc. GST)
(v)	Analog and digital AC metering				
(vi)	Battery Monitoring system to monitor and warn against weak battery condition				
(vii)	Digital alarm and status indication with recent fault code logging				
(viii)	Integrated fuel ramping to limit black smoke and frequency overshoot.				
(ix)	Inbuilt Auto synchronizing Auto Load sharing				
(x)	Inbuilt feature for synchronizing utility bus.				
(xi)	Monitoring of DG breaker closure.				
(xii)	Programmable fault thresholds				
(xiii)	Allow the genset to operate at preset time to ensure healthiness of the system				
(xiv)	Master first start sensor for providing interlock to prevent multiple sets simultaneously closing on dead bus.				
(xv)	Capable of bypassing certain shutdown faults for trouble shooting with fail to shutdown fault display . Emergency stop should not be bypassed during process				
(e)	Base Frame & Foundation : Both the engine and alternator shall be mounted on suitable common base frame made of MS channel with necessary reinforcement which shall be installed on existing cement concrete foundation and vibration isolation arrangement to be provided as per recommendations of manufacturer like AVM PAD etc. Any alterations/damage & repair required in the foundation shall be in the scope of working agency.				
(f)	Fuel Tank : Connection of newly installed diesel engine with existing fuel piping complete with supply of additional M.S. Pipes, valves, level indications & accessories as required as per specifications				
(g)	Exhaust System :				

Name of Work : Replacement of 01 X 2000 KVA, 415 V Diesel Generator Set at DATS Complex,IGI Airport, New Delhi.

S. No	Description	Qty	Unit	Rate (Exc. GST)	Amount (Exc. GST)
	Dry exhaust manifold with hospital/critical type exhaust silencer and catalytic convertor				
(h)	Starting System : 24V DC starting system comprising of starter motors : voltage regulator and arrangement for initial excitation complete with 4 nos. of batteries (suitable capacity dry charged, SMF - supplied by Engine mfr) as required as per specifications. OEM Supply only.				
(i)	Loading and unloading to site:- Loading & Unloading including transportaion from factory to site and Shifting of DG Set inside DG room at site with Crane complete as per site requirement, any dismantling of walls and frames of DG room i/c refixation of the same for shifting of DG set inside DG room need to be carried out by the agency.				
(j)	Warranty / Defect liability Period:- The DG set shall be warranted against faulty workmanship, material defects and performance failure for a minimum period of 2 years or 5000 Operating hours, whichever occurs earlier from the date of SITC work completion, In addition, critical engine components such as the crankshaft, camshaft, connecting rod, cylinder block and cylinder head must carry a minimum warranty of 5 years or 5000 hours, as per manufacturer documentation. The 2 years warranty during defect liability period shall cover complete system such as engine, alternator, after treatment, controller, PLC, Exhaust, panel, batteries etc.				
(i)					
(ii)	To ensure compatibility and fault traceability, the DG set must be factory -integrated and type tested as a complete genset. Panel and control unit must also be tested and integrated by the same OEM.				

Name of Work : Replacement of 01 X 2000 KVA, 415 V Diesel Generator Set at DATS Complex, IGI Airport, New Delhi.

S. No	Description	Qty	Unit	Rate (Exc. GST)	Amount (Exc. GST)
(iii)	Entire genset solution(engine,alternator,controller,after treatment, panel, battery) must carry a single point brand responsibility for spares and warranty claims. No sub vendor or delar level assembly of genset components will be accepted. Only factory-integrated and tested packages shall be permitted.				
(iv)	Bidder must confirm availability of 500 hour / 1 year service interval (by producing OEM maintenance schedule) and submit warranty certificates along with tender submission.				
(I)	B Check,C check & Consumbales during defect liability period of 2 years:-				
(i)	Bidder shall perform minimum 01 nos B check i/c supply of B-check kit & other consumbales on completion of 500 hour / 1 year or as per OEM recommendations during defect liability period of 2 years				
(ii)	Bidder shall perform minimum 01 nos C check i/c supply of C-check kit & other consumbales as per OEM recommendations during defect liability period of 2 years				
2	Exhaust Piping				
2.1	Supply and fixing exhaust gas piping of 450 NB 5 mm thick, welded black MS, B class pipe conforming to IS : 3589 cut to required lengths and installed with necessary bends and clamps, insulation of exhaust system with mineral wool / Rockwool 75 mm thick, 96 kg/m3 density, wire mesh & Aluminium cladding etc. as per specifications i.e grouting, plastering etc. complete as required. charges for scaffolding / crane for installing Exhaust Pipe/ silencer is in agency scope (Exhaust piping to be connected in existing Exhaust piping at site)	10	Mtr.	4323.96	43239.57

Name of Work : Replacement of 01 X 2000 KVA, 415 V Diesel Generator Set at DATS Complex, IGI Airport, New Delhi.

S. No	Description	Qty	Unit	Rate (Exc. GST)	Amount (Exc. GST)
2.2	Supply and fixing exhaust gas piping of 300 NB 4.85 mm thick, welded black MS, B class pipe conforming to IS : 3589 cut to required lengths and installed with necessary bends and clamps, insulation of exhaust system with mineral wool / Rockwool 75 mm thick, 96 kg/m ³ density, wire mesh & Aluminium cladding etc. as per specifications i.e grouting, plastering etc. complete as required. charges for scaffolding / crane for installing Exhaust Pipe/ silencer is in agency scope (Exhaust piping to be connected in existing Exhaust piping at site)	10	Mtr.	3658.73	36587.33
2.3	Insulation of Silencers	2	Nos	16630.60	33261.21
2.4	Supply & fixing Stainless Steel Bellows - 450 mm	2	Nos	23282.85	46565.69
2.5	MS support structure for Exhaust pipe	1000	Kgs	66.52	66522.42
3	Bus Duct Connection Supply and connection/ terminations of 5000 Ampere, Al Bus duct suitable for connection with DG set and existing Godrej make Bus Duct (currently connected with DG set to be dismantelled)(Straight Length (including 90 degree bends, End connections - Adaptor Box, Copper Flexible, Flange End and Rubber Bellow at DG end)	10	Meter	23282.85	232828.47
4	Supply of following size of Copper Control Cables including laying on existing cable trays :-				
4.1	12 core x 2.5 sqmm Control Cable	80	Mtr	299.35	23948.07
4.2	4 core x 2.5 sqmm Control Cable	80	Mtr	99.78	7982.69
4.3	2 core x 4 sqmm Control Cable	80	Mtr	99.78	7982.69
4.4	2 core x 2.5 sqmm Control Cable	80	Mtr	99.78	7982.69
4.5	30 core x 0.75 sqmm shielded Cable for Temperature scanner	80	Mtr	299.35	23948.07
4.6	4 core x 2.5 sqmm shielded Control Cable	80	Mtr	99.78	7982.69
5	Providing & fixing of End termination of the following sizes of power and control cables :-				
5.1	12 core x 2.5 sqmm Control Cable termination	4	Nos	133.04	532.18
5.2	4 core x 2.5 sqmm Control Cable termination	4	Nos	133.04	532.18

Name of Work : Replacement of 01 X 2000 KVA, 415 V Diesel Generator Set at DATS Complex,IGI Airport,New Delhi.

S. No	Description	Qty	Unit	Rate (Exc. GST)	Amount (Exc. GST)
5.3	2 core x 4 sqmm Control Cable termination	4	Nos	133.04	532.18
5.4	2 core x 2.5 sqmm Control Cable termination	4	Nos	133.04	532.18
5.5	4 core x 2.5 sqmm shielded Control Cable termination	4	Nos	133.04	532.18
6	Supplying and installing of 300 mm Width X 50 mm depth X 1.6 mm thickness of perforated painted with powder coating Hot dipped Galvanised iron Cable trays (Galvanisation thickness not less than 50 microns) i/c bends, Tee, Cross member, reducer with perforation not more than 17.5% , in convenient sections, joined with cable tray Cover, connectors, suspended from ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc. as required.	50	Mtr.	631.96	31598.15
7	Earthing - Existing Earthing to be used				
7.1	Providing & Fixing 75 mm x 10 mm GI strip from Existing earthing strip which is connected with earth electrode in ground, as required.	10	Mtr.	399.13	3991.35
7.2	Providing & Fixing 50 mm x 6 mm Copper strip from existing earthing strip which is connected with earth electrode in ground, as required.	10	Mtr.	1663.06	16630.60
8	Synchronization & PLC Panel-SITC of new synchronisation panel having controllers for new DG set and existing 2 X 2000 KVA perkins DG set along with PLC system complete software for remote operation of DG sets & hardware like CPU system specification as mentinsoed below, Monitor 21 inch,Printer, keyboard, mouse, Computer table etc. for auto start stop of DG set complete including synchronization of 01 nos new DG set with existing 2 x 2000 KVA Perkins make Engine DG sets (PLC Make- STUCKE) CPU processor must be 14th gen or newer. Intel Core i5 or an equivalent AMD Ryzen processor CPU RAM minimum 16 GB and 500 GB SSD storage CPU must have Windows 11 or latest operating system. Laser printer with 2 cartridge	1	Job	2328284.66	2328284.66

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S. No	Description	Qty	Unit	Rate (Exc. GST)	Amount (Exc. GST)
9	Dismantling and shifting of existing perkins make DG set including charges for crane or manpower charges for shifting the DG set at appropriate location inside DATS complex premises as directed by EIC. Any damage to the existing foundation and working DG sets installed in the DG room shall be attributable to the working agency.	1	Job	107101.09	107101.09
Total SITC Cost after reverse auction (Exc. GST)=A					₹ 1,60,00,970.00

Dixit
Sr. Manager Engg. (E)
AAI, DATS Complex

Signature Not Verified

Digitally signed by TUSHAR DIXIT
Date: 2025.12.10 17:13:50 IST
Location: eProcurement System for Central PSUs