

NIQ for Checking Servicing and Repairing of Air washer Unit

<p>विषय: नैट्रैक्स में एयर वॉशर की सर्विसिंग और मरम्मत एवं रखरखाव की जाँच करना के लिए कोटेशन (एनआईक्यू) आमंत्रित करने की सूचना</p>	<p>Subject: Notice Inviting Quotation (NIQ) for Checking Servicing and Repairing & maintainence of Air Washer at NATRAX</p>
<p>नेशनल ऑटोमोटिव टेस्ट ट्रैक्स (NATRAX) नेशनल ऑटोमोटिव बोर्ड (NAB) के तहत ऑटोमोटिव परीक्षण और प्रमाणन केंद्र हैं, जो भारत सरकार के भारी उद्योग मंत्रालय द्वारा गठित एक स्वायत्त निकाय है। NATRAX की स्थापना पीथमपुर, जिला धार, (मध्य प्रदेश, भारत), के पास लगभग 3000 एकड़ भूमि पर सभी प्रकार के ऑटोमोबाइल के व्यापक परीक्षण और मूल्यांकन के लिए की गई है।</p>	<p>National Automotive Test Tracks (NATRAX) are Automotive Testing & Certification Centre under National Automotive Board (NAB) which is an autonomous body constituted by Ministry of Heavy Industries, Government of India. NATRAX has been set up on approx. 3000 acres of land for comprehensive testing and evaluation of all types of automobiles, near Pithampur, Dist. Dhar, (Madhya Pradesh, India).</p>
<p>NATRAX " एयर वॉशर की सर्विसिंग और मरम्मत एवं रखरखाव की जाँच के लिए अनुभवी और इच्छुक एजेंसियों को आमंत्रित कर रहा है। आवश्यकताओं का संक्षिप्त विवरण इस प्रकार है; बोलीदाताओं से अनुरोध है कि कृपया नीचे दी गई तालिका में प्रतिस्पर्धी दरें उद्धृत करें:</p>	<p>NATRAX is exploring the experienced and interested agencies for <u>“Checking Servicing and Repairing & maintainence of Air washer Unit at NATRAX”</u> the details of the mentioned units are enclosed in the documents. Bidders are requested to please visit NATRAX for better understanding the scope of work.</p>
<p>नियम एवं शर्तें:</p>	<p>Terms & conditions:</p>
<ul style="list-style-type: none"> • भुगतान: 90% भुगतान (स्पेयर्स/रिप्लेसड आइटम की लागत सहित) काम पूरा होने और कर चालान जमा करने पर NATRAX द्वारा विधिवत प्रमाणित होने के बाद ही किया जाएगा। शेष 10% वारंटी अवधि के सफलतापूर्वक पूरा होने के बाद जारी किया जाएगा। जीएसटी का भुगतान एजेंसी द्वारा भुगतान रसीद जमा करने पर जारी किया जाएगा। • समापन अवधि: कार्य आदेश जारी होने की तारीख से 30 दिनों के भीतर। ऐसा न होने पर अनुबंध मूल्य का 0.1% प्रतिदिन अनुबंध मूल्य के अधिकतम 10% तक NATRAX द्वारा परिसमाप्त क्षति (एलडी) के रूप में काटा जा सकता है। • वारंटी अवधि: कार्य पूरा होने की तारीख 	<ul style="list-style-type: none"> • Payment: Up to maximum 90% of contract value (including cost of spares/replaced items) through RA Bill shall be paid up to completion of work, on submission of tax invoice & supporting documents. Balance 10% shall be released after successful completion of warranty period. The payment of GST shall be released on submission of paid receipt by agency. All the payments shall be released only after certification of EIC/NATRAX. • Material advance (If requested)- 90% of material value on submission of original tax invoice of respective material, may be released after receipt of material at site and certified by EIC/NATRAX & same shall be adjusted in final bill. • Completion period: within 30 days

NIQ for Checking Servicing and Repairing of Air washer Unit

<p>से 6 महीने।</p>	<p>from the date of issuance of work order. Failing which 0.1% of contract value per day up to maximum 10% of contract value, may be deducted by NATRAX as Liquidated damage (LD).</p> <ul style="list-style-type: none"> • Warranty period: 6 months from the date of completion of work.
<p>कोटेशन जमा करना: इच्छुक बोलीदाता/एजेंसियां नीचे उल्लिखित ईमेल आईडी के माध्यम से 10th Jan 2024 को 1500 बजे या उससे पहले, पासवर्ड संरक्षित फ़ाइल के माध्यम से अपनी सबसे प्रतिस्पर्धी दरें जमा कर सकते हैं:</p> <ol style="list-style-type: none"> 1. A.prabhakar@natrip.in 2. anuj.kumar@natrip.in <p>या</p> <p>इच्छुक बोलीदाता/एजेंसियां द्वारा बंद लिफाफे में कोटेशन 10th Jan 2024 को 1500 बजे या उससे पहले NATRAX HUB पर भी जमा किया जा सकता है।</p>	<p>Submission of quotations: The interested bidders/agencies can submit their most competitive rates on or before 1500 hrs on 10th Jan 2024 through password protected file via email ids mentioned below:</p> <ol style="list-style-type: none"> 1. A.prabhakar@natrip.in 2. Anuj.kumar@natrip.in <p>OR</p> <p>The quotations in sealed envelope may also be submitted by interested bidder, at NATRAX HUB on or before 1500 hrs on 10th Jan 2024.</p>
<p>अस्वीकरण: NATRAX सभी या किसी भी कोटेशन को स्वीकार/अस्वीकार/रद्द करने का अधिकार सुरक्षित रखता है या किसी भी स्तर पर इस प्रक्रिया को वार्षिक कर सकता है, और बोली लगाने वाले को इस मामले में किसी भी नुकसान का दावा करने का अधिकार नहीं है।</p> <p>यह दस्तावेज़ अंग्रेजी और हिंदी दोनों भाषाओं में है, हालांकि किसी भी विसंगति के मामले में अंग्रेजी मान्य होगी।</p>	<p>Disclaimer: NATRAX reserve the rights to accept/reject/cancel all or any quotation or can annual this process at any stage, and bidder does not have the right to claim any losses in this case.</p> <p>This document is in both English & Hindi Language, however in case of any discrepancy English will prevail.</p>

Head Procurement & Store



NIQ for Checking Servicing and Repairing of Air washer Unit **Detailed technical specifications of units**

The Repairing/Maintenance & Testing works of the Air Washer Unit, here is a list of the necessary components and their specifications:

1. V-Belt for Air Washer:

- Type: V-Belt
- Size: Select the appropriate size based on the pulley and belt drive system requirements
- Material: High-quality rubber or synthetic material suitable for power transmission

2. Canvas Cloth for Air Washer:

- Type: Canvas Cloth
- Material: Durable and washable canvas fabric suitable for air filtration and moisture absorption

3. Drain Pump for Air Washer:

- Type: Drain Pump
- Capacity: Sufficient capacity to handle the drainage requirements of the Air Washer system
- Power: Select a pump with adequate power rating for efficient pumping

4. Float Valve 20mm:

- Type: Float Valve
- Size: 20mm
- Material: High-quality corrosion-resistant material suitable for water control and regulation

5. Drain Pipe:

- Type: Drain Pipe
- Size: Select the appropriate size based on the drainage system requirements
- Material: Durable and corrosion-resistant material suitable for water drainage

6. Cleaning Chemical:

- Type: Cleaning Chemical
- Purpose: Select a suitable cleaning chemical specifically formulated for cleaning and maintenance of Air Washer components
- Consider environmental and safety factors when choosing the cleaning chemical

7. Oil and Grease:



NIQ for Checking Servicing and Repairing of Air washer Unit

- Type: Oil and Grease
- Purpose: Select appropriate lubricants and greases for the motor, fan, and other moving parts of the Air Washer system
- Consider the manufacturer's recommendations and compatibility with the components

8. Metallic Filter:

- Type: Metallic Filter
- Purpose: Select a high-quality metallic filter suitable for air filtration and dust/particulate removal
- Material: Corrosion-resistant metal mesh or perforated sheet

9. Pump:

- Type: Pump
- Purpose: Specify the specific pump type based on the application and system requirements (e.g., water circulation pump, recirculation pump, etc.)
- Capacity: Select a pump with sufficient flow rate and head pressure to meet the Air Washer system requirements
- Power: Choose a pump with an appropriate power rating for efficient operation

10. DIDW Centrifugal Fan:

- Type: Double Inlet Double Width (DIDW) Centrifugal Fan
- Capacity: As per the requirements of the Air Washer Unit (based on outlet velocity not exceeding 550 M/minute)
- Speed: Not exceeding 1000 RPM

11. TEFC Weatherproof Motor:

- Type: Totally Enclosed Fan Cooled (TEFC) Motor
- Phase: 3-phase
- Weatherproof: Suitable for outdoor installation
- Power: Select the motor power rating according to the fan capacity and system requirements

12. Multisheave Pulley:

- Type: Multisheave pulley
- Mounting: Mount the pulley on both the motor and fan shaft

13. Belt Guard:

- Type: Belt guard for safety and protection of the belt drive system



NIQ for Checking Servicing and Repairing of Air washer Unit

- Ensure it is compatible with the selected belt drive and pulley

14. Common Base with Metallistik Vibration Isolators:

- Type: Common base to mount both the motor and fan
- Vibration Isolator

NIQ for Checking Servicing and Repairing of Air washer Unit
Bill of quantities for repairing of Air cooled chiller & Air washer

S.NO.	ITEM DESCRIPTION	UNIT	QUANTITY	RATE (IN FIGURE IN INR)	Amount
1	V-Belt replacement with alignment in air washer	Nos	22		
2	Canvass cloth replacement	Nos	12		
3	Drain pump replacement (Cooler Pump Big Size)	Nos	16		
4	Float valve 20 mm replacement	Nos	12		
5	Drain pipe extension	Nos	72		
6	Chemical cleaning	Nos	12		
7	oil and grease	Nos	12		
8	Metallic Filter	Nos	62		
9	Hardware Nut bolt of TVS of equailent	Kg	5		
10	Inside painting one coat of primer and 2 coat of enemal paint of Air Washer Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution.	Sqm	233		
11	Duct insulation	Sqft	100		
12	Celuas Ped Wood 8 inch thickness	Sqft	100		
13	Air Washer motor 7.5 HP, Rewinding and Replacement of Bearing	Rate only			
14	Air Washer motor 15 HP, Rewinding and Replacement of Bearing	Rate only			
15	Replacement of Centrifugal blower small size	Rate only			
16	Replacement of Centrifugal blower Big size	Rate only			
17	Replacement of Damper	Rate only			
	Total Amount				

Note: Bidders are advised/requested to visit the site & inspect the scope of work before submitting the quotes.

Signature of Bidder