

PR-1032300385

**Replacement of Damaged Thermal Insulation for Supply & Return Air Ducts at E-Station,
Phase-1 H1 Building, Plant-1, Jebel Ali.**

1. Scope of Work:

- a) Removal of existing old duct insulation.
- b) Cleaning and repairing of existing duct.
- c) Supply the insulation material and Re-insulate in supply & return air ducts required with 1" glass wool board insulation sheet with foster and cloth.
- d) Thermal insulation for supply and return air duct shall be of 1" thickness fiber-glass board insulation of density 64 Kg/cubic meter having canvas cloth with anti-fungus foster coating of rating 30-60 and 30-90 only.
- e) Proper housekeeping must maintained on daily basis during the work.
- f) Removed ducts, insulation shall be segregated and return to DEWA scrap yard by the contractor as per DEWA existing Quantity, Safety & Environmental Procedure.

Technical Specification of Existing Supply Air Ducts for insulation replacement:

Phase-1 SWGR Room-10

Sr.	Duct Size	Duct Length	Qty.	Remarks
1	700 X 400 mm	5000 mm	01	Duct measurement are for illustration purpose only. It is contractor responsibility to take actual measurements and shall cover all duct quantity as mentioned herein.
2	500 X 400 mm	6000 mm	01	
3	350 X 350 mm	7000 mm	01	
4	300 X 200 mm	12000 mm	01	
5	500 X 400 mm	7000 mm	01	
6	700 X 700 mm	40000mm	01	

Room Number-1

Sr.	Duct Size	Duct Length	Qty.	Remarks
1	1000 X 400 mm	15000 mm	01	Duct measurement are for illustration purpose only. It is contractor responsibility to take actual measurements and shall cover all duct quantity as mentioned herein.
2	700 X 400 mm	8000 mm	01	
3	600 X 400 mm	6000 mm	01	
4	400 X 400 mm	3000 mm	01	

Room Number-E2

Sr.	Duct Size	Duct Length	Qty.	Remarks
1	800 X 300 mm	31000 mm	01	Duct measurement are for illustration purpose only. It is contractor responsibility to take actual measurements and shall cover all duct quantity as mentioned herein.
2	1000 X 300 mm	26000 mm	01	
3	600 X 500 mm	6000 mm	01	
4	400 X 400 mm	6000 mm	01	

Room Number-E3

Sr.	Duct Size	Duct Length	Qty.	Remarks
1	500 X 200 mm	28000 mm	01	Duct measurement are for illustration purpose only. It is contractor responsibility to take actual measurements and shall cover all duct quantity as mentioned herein.
2	400 X 400 mm	10000 mm	01	
3	600 X 400 mm	18000 mm	01	
4	500 X 200 mm	10000 mm	01	
5	500 X 400 mm	6000 mm	01	
6	400 X 400 mm	3000mm	01	

H-5 Boiler Operator Control Room, Chiller Room & Battery Room

Sr.	Duct Size	Duct Length	Qty.	Remarks
1	400 X 300 mm	16000 mm	01	Duct measurement are for illustration purpose only. It is contractor responsibility to take actual measurements and shall cover all duct quantity as mentioned herein.
2	400 X 400 mm	12000 mm	01	
3	300 X 200 mm	10000 mm	01	
4	400 X 300 mm	10000 mm	01	

2. General Conditions:

- Interested parties may visit Jebel Ali power Station E' to get acquainted to the actual site conditions and related works.
- DEWA will not accept any claims for any extra work beyond the issue PO ordered quantities.
- Contractor shall abide by DEWA safety and security and regulations in-force at the Power Station. Contractor should follow the environment to DEWA before one week.

- d) All necessary tools & measuring instruments shall be arranged by the contractor. The tools shall have valid calibration certificates.
- e) The contractor shall abide by DEWA safety and security rules and regulations in-force at the Power Station. Contractor should follow the environment rules and stated in DEWA ISO 14001.
- f) The work shall be carried out in a neat, orderly and safe manner.
- g) The contractor will be held responsible for any damage to the nearby DEWA assets during job execution.
- h) The contractor shall carry out all the mechanical and electrical works related to the job for successful completion of the project.
- i) Gate passes application to be submitted 7 days in advance before starting the work, along with passport copy, Visa copy, ID copy, Vehicle registration copy and LPO copy.

3. Documents:

- a) The suppliers shall submit completes duct insulation specifications along with their offer.
- b) The suppliers shall submit a method statement and job completion schedule along with their offer.

4. Period of Completion:

- a) The bidder shall mention the job completion period in their offer, the period will start from the date of DEWA PO confirmation.

5. Terms of Delivery:

- a) Delivery of duct insulation shall be within 30 days from the date of purchase order.

6. Terms of Payment:

- a) 100% of the PO value will be paid within 30 days after successful completion of job against the invoice certified by DEWA authorized Engineer/representative.
- b) Invoice shall be addressed to DEWA Finance Department.
- c) For further details and scope of work, prospective parties shall visit 'D' Power Station Jebel Ali, between 8 AM to 3 PM on working day.
- d) For further technical details, contact Mr. Venkata Sidagam 058-8732543/04-8044475 or Mr. Mansoor Ahmed 050-3520794 /04-8044160 for further details.

7. Warranty:

- a) The duct insulation shall be guaranteed for performance, workmanship and manufacturing defects for a period of one year.
- b) The warranty will take effect from the date of takeover after job completion.
- c) When a defect is noticed on the newly install roof exile fan during the period of warranty, the contractor must rectify the fault within a reasonable amount of time fixed by DEWA with no claims or compensation. After replacement of the faulty part or rectification of the fault, warranty of the concerned part shall be restarted for one years.



H-5 Boiler Operator Control Room, Chiller Room & Battery Room

Room Number-E3





Room Number-1



Room Number-E2



Room Number-E3



H-5 Boiler Operator Control Room, Chiller Room & Battery Room

