



MORARJI DESAI NATIONAL INSTITUTE OF YOGA
(An autonomous organization under Ministry of AYUSH, Govt. of India)

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Ref.No. MDNIY/S&P/2018-19/579

Dated: 15th July, 2019

CORRIGENDUM

Notice Inviting Tender (NIT) for up-gradation of Fire Fighting System at MDNIY

Refer Notice No. MDNIY/S&P/2018-19/579 dated 05.07.2019 the following modifications have been made:

1. Tender Cost : May be read as Rs. 20.00 Lakh
2. EMD : Rs. 80,000/- (Rs. Eighty Thousand Only)

The above jobs subject to the following additional terms and conditions:

1. Date of Completion

The work awarded shall be completed within a period of 45 days from the date of award of the work order.

2. Submission of NOC

The Bidder will be required to submit the NOC procured from the Competent Department/Agency within one month from the date of completion of work.

3. Mode of payment

50% of the Bid payment will be released only after completion of the work. The remaining payment will be made after submission of the NOC by the Bidder.

4. The quantum of work may increase or decrease in view of prevailing circumstances.
5. The modifications and additions/alterations in the description of work as mentioned in "**Annexure- A & C**" of the Tender Document is enclosed for perusal and needful done.

Yours faithfully,

Binalesh Kumar
15/7/19

(Binalesh Kumar)
Administrative Officer
for Director

1. **ELIGIBILITY CRITERIA**

Contractor who fulfils the following requirements shall be eligible to quote the rates.

2. **EXPERIENCE CERTIFICATE**

Contractor should have satisfactorily completed the similar nature of work during the last five years ending last day of the month previous to the one in which tenders are invited in the concerned Govt. Department/ Public Sector Undertaking and completion certificate enclosed as per the following requirements.

a) Three similar works each costing not less than **40%** of the E.C.i.e Rs. 8.00 lakh

OR

b) Two similar works each costing not less than **60%** of the E.C. i.e. Rs. 12.00 lakh

OR

c) One similar work costing not less than **80%** of the E.C. i.e. **Rs. 16.00 lakh.**

Similar work shall means firefighting works **such as fire hydrant, fire sprinklers, fire alarm system, PA system etc.**

3. **Financial Standings:**

Contractor must have a minimum average annual financial turnover of **Rs.20.00 lakh** during the last three financial years ending 31st March of the previous financial year in which tenders are invited and enclosed the audited Balance.

Signature with seal

Check list for submission of Technical Bid

S1. No.	Particulars	Remarks/documents to be attached
1.	Name of the Agency	
2.	Address of Head Offices: Telephone: E-Mail Fax Number (if any): Name(s) of the contact person(s):	
3.	Self attested copy of PAN NUMBER	Page No.....
4.	Self attested copy of GST Registration No.	Page No.....
	Self attested copy of Audited Statement of Accounts/Form-16 for the 03 years 2015-16, 2016-17 and 2017-18 (As per Annexure-‘A’)	Page No.....
5.	Self attested copies of experience of executing similar works for the last 03 years. (As per Annexure-‘A’)	Page No.....
6.	Details of Bid Security Fee: (Rs.80,000/-)	Page No.....
7.	Details of Tender Fee: (Rs.1,000/-)	Page No.....
8.	Enclosed terms and conditions duly signed and stamped by the agency, if accepted.	Page No.....

Signature with Seal

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Dated: 12-07-2019

Kindly note the changes in Financial Bid (Annexure - C) as mentioned below, also additional sheet to be read and quoted in price Bid:

S. No.	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
	Existing			Amended/Modify/Revised		
	External Ring Line					
12	Providing, fixing testing and commissioning of stainless steel single headed external hydrant valve ISI marked oblique pattern hydrant landing valves with 80 mm dia flanged inlet & 63 mm dia female outlet complete with PVC / rubber cap and GI chain twist release type plug and all accessories as per IS : 5290 Type A including fixing with anchor fasteners and flanged tapping from wet riser complete as required. (For - External Hydrant)	6	NOS	Providing, fixing testing and commissioning of stainless steel single headed external hydrant valve ISI marked oblique pattern hydrant landing valves with 80 mm dia flanged inlet & 63 mm dia female outlet complete with PVC / rubber cap and GI chain twist release type plug and all accessories as per IS : 5290 Type A including fixing with anchor fasteners and flanged tapping from wet riser complete as required. (For - External Hydrant)	12	NOS
13	Providing, fixing testing and	12	NOS	Providing, fixing testing and	24	NOS



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	commissioning of 63 mm dia 15 m long non-percolating flexible hose (RRL - type A) as per IS : 636. Type "A" with stainless steel male & female instantaneous type coupling (IS 903) bound and riveted to hose pipe with copper rivets and 1.5 mm copper wire (For External).				commissioning of 63 mm dia 15 m long non-percolating flexible hose (RRL - type A) as per IS : 636. Type "A" with stainless steel male & female instantaneous type coupling (IS 903) bound and riveted to hose pipe with copper rivets and 1.5 mm copper wire (For External).		
14	Providing, fixing testing and commissioning of Stainless steel branch pipe with nozzle of 20 mm nominal bore outlet as per IS: 903 suitable to fit with standard instantaneous type 63 mm dia coupling ISI marked (IS: 903) complete.	6			Providing, fixing testing and commissioning of Stainless steel branch pipe with nozzle of 20 mm nominal bore outlet as per IS: 903 suitable to fit with standard instantaneous type 63 mm dia coupling ISI marked (IS: 903) complete.	12	Nos
15	Supply, installation, testing and commissioning of Black mild Steel Class 'C' (Heavy Duty) pipes conforming to IS: 1239/ 3589 on surface/ ceiling suspended, with all necessary coupling, tees, strap joints as required including fixing the pipe with necessary structural supports including fixing the pipe with necessary structural supports				Supply, installation, testing and commissioning of Black mild Steel Class 'C' (Heavy Duty) pipes conforming to IS: 1239/ 3589 on surface/ ceiling suspended/ boundary wall/ as standalone*, along boundary wall *(with necessary excavation, inclusive road cutting wherever required, CC footing/in foundation 1:2:4 and BM piers in 1:5 with plaster 12 mm thick coloured wash, MS 12 mm collar and clamp properly secured in place) , with all necessary coupling, tees, strap tees, elbows flanges, reducers, gaskets, nuts and bolts etc. with joints as required including fixing the pipe with necessary structural supports		

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27	complete in all respect. Supply Installation, Testing and commissioning of Hose Box (Single Door) Suitable to accommodate to 2 No. Hose 15 mtr. Lengths & 1 No. Branch Pipe (size 24"x24"x10") complete in all respect.	5	NOS	complete in all respect. Supply Installation, Testing and commissioning of Hose Box (Single Door) Suitable to accommodate to 2 No. Hose 15 mtr. Lengths & 1 No. Branch Pipe (size 30"x24"x10") complete in all respect.	5	NOS
	AUTOMATIC FIRE ALARM SYSTEM AT OPD & ADMINISTRATIVE WING					
42	SITC of 4 zone microprocessor based main control fabricated with 16 gauge (1.6 mm) CRCA sheet complete with dust & vermin proof with neoprene gasket wall mounting type with hinged glass door with lock & key arrangement suitable for operation etc as reqd.	2	NOS	Substituted/replaced/amended as per additional sheet of financial bid.		
43	Replacement of following type faulty unserviceable optical smoke detector complete with base	50	NOS	Substituted/replaced/amended as per additional sheet of financial bid.		
44	P/F manual push button (pill box) with visual LED with fire red finish painting i/c making connection, testing as reqd.	10	NOS	Substituted/replaced/amended as per additional sheet of financial bid.		
45	P/F electronic hooter of 4 watts i/c making connection & testing etc. as reqd.	10	NOS	Substituted/replaced/amended as per additional sheet of financial bid.		
	FIRE EXTINGUISHER			FIRE EXTINGUISHER		
a	Supply, installation, testing & commissioning of ABC Modular Type Fire Extinguisher capacity 5 kg complete with pressure gauge and able to operate automatically	3	NOS	Supply, installation, testing & commissioning of ABC Modular Type Fire Extinguisher capacity 5 kg complete with pressure gauge and able to operate automatically in case of Fire	30	NOS

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	in case of Fire manufacturer certificate			manufacturer certificate		
B	Supply & Installation of CO2 Type Fire Extinguisher capacity 4.5 kg with ISI Mark as per Is 15683 complete with squeeze grip valve and 1 meter Discharge tube (ISI Marked)	5	NOS	Supply & Installation of CO2 Type Fire Extinguisher capacity 4.5 kg with ISI Mark as per Is 15683 complete with squeeze grip valve and 1 meter Discharge tube (ISI Marked)	30	NOS
c	Supply & Installation of Water CO2 Type Fire Extinguisher capacity 9 lit with ISI Mark as per Is 15683 complete with all accessories	2	NOS	Supply & Installation of Water CO2 Type Fire Extinguisher capacity 9 lit with ISI Mark as per Is 15683 complete with all accessories	05	NOS

ANNEXURE-C (ADDITIONAL SHEET) Fire Fighting & Fire Alarm System with list of makes

S.NO	DESCRIPTION	Quotation			Remarks
		UNIT	QTY.	RATE	Amount
A	Edword/Honeywell/Apollo/Equivalent approved ISI make Addressable Fire alarm system				
	The job is to supply,install,test,commission,integrate fire alarm system with Fire-fighting system complete in all respects				

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1	Microprocessor based intelligent, addressable, modular networkable, 4 loop with 7Cab (minimum 125 detector + 125 devices per loop) fire alarm control panel with minimum 6" approx. graphic touch screen display / LCD display with 640 Character with soft keys for displaying alarm, events and operating functions, Compatible with graphic user interface for pin point the identification of the fire location and fire alarm system control, Diagnostic functions for total current consumption, Day/ Night operation function, Remote maintenance service feature etc. The panel shall capable to operate on 240 volts AC power supply, automatic battery charger, 24 volts, sealed lead acid maintenance free batteries sufficient for 24 hours normal working and then be capable of operating the system for 30 minutes during emergency condition as per detailed specifications complete as required. Manufacturers offering more detector + devices per loop can suitable reduce the number of loops)	Nos	1				4 loop
2	Supply & Installation Analogue Intelligent addressable multi detector with addressing module fully integrated high performance type optical smoke detector and with mounting base with LED etc as per specification as required.	Nos	90				
3	Supply & Installation Intelligent addressable Manual Call Point / Pull station break glass type with alarm LED as detailed complete as required.	Nos	6				
4	Supply & Installation Addressable input module for sprinkler flow switch	Nos	6				
5	Supply & Installation Addressable control modules for Hooter	Nos	6				

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6	Supply & Installation Addressable relay control modules for AHU tripping	Nos	4			
7	Supply & Installation Addressable isolator modules	Nos	6			
8	Supply & Installation PVC insulated copper conductor FRLS cable 2C*1.5sq mm	Mtr	2000			
9	Supply & Installation ISI MAKE hooter cum strobe	Nos	6			
10	Supply & Installation MS Conduit- Size 20mm with all accessories	Mtr	200			
11	Supply & Installation MS Box for MCP (Manual Call Point) & Hooter	Nos	30			
B	Miscellaneous additional items					
1	Supply/Providing/Fabrication/installation at required places fire Bucket Self-standing stable sturdy stand made of M.S. Angle /tube TATA/ SAIL/JINDAL make Minimum 50x50x6mm of appropriate size & height to hold 2 rows of 3nos buckets each, Fire buckets with 9 kg. capacity, filled with local good quality sand with M.S. HOOKS (Min.16mm welded bars) for bucket hanging arrangement of 06 Nos. 18" buckets, with Fabrication of canopy of 18 SWG MS sheet for protecting it from rain. the Bucket and stand shall have painting of one coat red oxide primer paint and two coats of P.O. red enamel ISI mark paint. (First quality burger/equi. appd. make).	Nos	4			
2	Providing/supplying/installation/testing & commissioning of Mechanical foam type 50kg with trolley fire extinguisher of appd. make complete at required places	Nos	1			

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3	Providing/supplying/installation/testing & commissioning SITC of Clean agent fire extinguisher of 4kg,S.S. Body,S.S. Valve of appd. make complete at required places	Nos	4			
4	Providing/supplying/installation/testing & commissioning SITC of 3 litre F-class/KITCHEN fire extinguisher in S.S. Body of appd. make complete at required places	Nos	2			
5	Providing/supplying/installation/testing & commissioning fire blanket made of fibreglass fabric of appd make,3'x6'x0.8mm at required places	Nos	4			
6	Supply, Fixing, Testing and commissioning of Butterfly valve PN 1.6 with bronze/ gunmetal seat duly ISI marked complete with nut- bolts, washers, gasket confirming to IS: 13025 of 80 mm.	Nos	12			
7	Providing/supplying/fixing/constructing/erecting in place min.345x345mm Brick piers in CM 1:5 with PCC 1:2:4 coping min 50mm thick at required places for supporting External fire hydrant pipeline including necessary excavation upto min 600x600 and Min. 600 depth below firm soil with Min. 75mm thick PCC 1:2:4 in footing/foundation and necessary BM courses in 1:5,backfilling/compacting; cement sand plaster 12-18 mm thick in 1:6;coloured wash in necessary min2 coats with weatherproof paint having necessary clamp/holdfast and M.S.collar 300 mm X 150 mm X 12 mm thick with 50 X 50 X 6 mm angles cleat on both sides of collar (Welding wherever necessary), anchor bolt 12mm dia. Min. X	Nos.	180 ^t			* Composite civil job item

150 long (04 Nos.) min. FOR properly securing in place external fire-fighting ring pipeline;						
8	For external fire hydrant pipeline: Job includes road cutting /pavement /curb cutting upto 600 mm wide, wherever required and laying pipeline under road surface at suitable depth min. 600 below road surface (measured from top of pipeline clamp)with 100 mm thick PCC 1:2:4 and minimum 100 mm PCC grout encasing as/wherever required, backfilling, compacting and making good the pavement, curb, road matching with existing road in slope and alignment/camber with curb.	rmt	30			* Composite civil job item

Additional Note:

1 All products/makes must adhere to B.I.S Norms/specifications & registration; wherever discrepancy, Vendor is to get such makes approved before procurement/repair/replacement.(list of makes attached)

2 Since the job includes addition and alteration/repair replacement etc, hence items & quantity may alter as per the need. The vendor is advised to visit site, inspect & satisfy himself before quoting bid.

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- 3 All jobs shall adhere to & satisfy Delhi Fire department/Govt. rules,norms,regulations & uptodate requirements





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List of makes

Acceptable makes Fire Fighting System:-

Fire-panel: Should be manufactured in CPRI approved firm having minimum 05 year experience in manufacturing of such panels.

Butterfly valves:- Audco / Zoloto / Kartar

Pressure switches / gauges:- Indfos / H Guru / System Sensor / Danfoss

NRV / ARV:- Audco / Zoloto / Kartar

MS ERW pipes:- Jindal / Tata / Surya / Apollo

Ball valve:- : Kartar / Zoloto

Fire Sprinkler:- Tyco / Aqua

SITC FIRE HYDRANT :- Newage / safe fire / Getech / Rishu / newtech

Paint :- . Berger / Asian / Nerolac

GI/MS Pipes:- Tata Steel / Jindal (Hissar)

Gunmetal / Forged Brass Valve:- Leader / Zoloto / RB

Water Type Check Valve:- Advance, Triloskar, Audco

Fire Main Pump / Jockey Pump:- Kirloskar / Mather & Platt

Antivibration Mounting:- Resisaroflex, GERB, Flenonics (USA)

Double / Single headed landing valve:- Minimax, New Age, Safeguard

Firehose:- Minimax, New Age, Safeguard, Jayshree




First-aid Hosreel:- Minimax, New Age, Safeguard, Safefire
Gunmetal Branch Pipe:- Minimax, New Age, Safeguard, Safefire
Fireman axe:- Minimax, New Age, Safeguard, Safefire
Installation Control Valve:- Gem-Tyco, Spray Safe, HD
Sprinkler Heads:- Gem-Tyco, Spray Safe, HD
Fire Extinguisher:- Minimax, Ceasefire, Safeguard, Safefire
Welding Roads:- Advani, Essab, L&T, Orlinkon
Fastener:- Hilti, Fisher
Cement:- Ultra-tech, ACC, Ambuja

