MORARJI DESAI NATIONAL INSTITUTE OF YOGA
(An autonomous organization under Ministry of AYUSH, Govt. of India)
68, Ashok Road, Near Gole Dak Khana, New Delhi – 110 001
Phone: 23730417-18, 23721472. 23351099, Telefax – 23711657, 23718301
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Ref.No. MDNIY/S&P/2018-19/579 Dated: Dec., 2018

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

Morarji Desai National Institute of Yoga (MDNIY) is an autonomous organization under Ministry of AYUSH, Govt. of India invites sealed quotations **in Two-Bid system in three envelops (Technical Bid, Financial Bid and EMD in separate sealed envelopes)** for **up-gradation of Fire System at MDNIY.**

Schedule of Invitation of bid:

Tender Cost	**Rs.12,55,000/-**
Date of Issuance of NIT	**31.12.2018**
Last date and time of submission of bid document	**21.01.2019 upto 02.00 PM**
Bid document to be submitted to	**Director, Morarji Desai National Institute of Yoga, 68, Ashok Road, New Delhi- 110001**
The EMD to be submitted	**Rs. 40,000/- (Rupees Forty thousand only) will be submitted in favour of "Morarji Desai National Institute of Yoga" through Bank Draft/ Pay Order only**
Tender Fee to be submitted separately	**Rs. 1,000/- (Rupees One thousand only) will be submitted in favour of "Morarji Desai National Institute of Yoga" through Bank Draft/ Pay Order only**
Date and time of opening of Technical bid document	**21.01.2019 at 02.30 PM**
Date and time of opening of Financial Bid	**Shall be opened on 22.01.2019 at 02.00 pm only of those bidders who qualify in the Technical bid as per check-list enclosed.**
Number of page:	**14 pages**

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The above jobs subject to the following terms and conditions:

1. Sealed quotation addressed to the Director, MDNIY, superscribing on the top of envelop as **"Quotation for up-gradation of Fire System at MDNIY"** should reach this office latest by **21.01.2019 upto 02.00 pm.**
2. **The work included up-gradation of fire system ~~on~~ and obtaining NOC from concern Govt. agencies on behalf of MDNIY.**
3. **Before filling up the Tender, the firm/representative ~~must~~ shall visit and survey the fire system, as per requirement of MDNIY.**
4. **The EMD amounting to Rs. 40,000/- (Rupees Forty thousand only) will be submitted in favour of "Morarji Desai National Institute of Yoga" through Bank Draft/ Pay Order only along with self attested copies of PAN NUMBER/GST No. etc. Audited Statement of Accounts/ Form-16 for the 03 years 2015-16, 2016-17 and 2017-18.**
5. **The firm shall submit the separate Tender Fee in the mode of Demand Draft/ Pay Order amounting to Rs. 1,000/- (Rupees One thousand only) in favour of "Morarji Desai National Institute of Yoga" along with Bid. The financial bid shall not be considered, if the requisite cost of Tender Document is not paid by the firm.**
6. The EMD of the successful bidder awarded the contract shall be refunded on receipt of Performance Security @ 10% (5% Security Deposit & 5% Performance Security) of the value of the contract so calculated, during the currency of the contract period to safeguard the interests of the Govt. to ensure that the work has been completed as per specifications mentioned in the tender. The Performance Security shall be refunded to the bidder after 60 days of the completion of contract period including warranty obligations.
7. The agency should have experience of executing similar works as per ***Annexure – A.***
8. Quotation received after closing date and time will not be entertained.
9. The rates should be included cost of material, labour and other contingencies to be used in the work.
10. The amount quoted by the firm and accepted by the Institute will be final. No other charges/ increase in rates will be acceptable to MDNIY at a later date, in any case. The firm will also complete the formalities and procure the NOC from Delhi Fire Service, NDMC, any other agencies as required. The work will be deemed to be completed only after receiving NOC from Delhi Fire Service.
11. The firm which has quoted the rates and are successful in getting award for the above work but are unable to accept the contract due to any reason, their EMD will stand forfeited.

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12. The rates will be valid for a period of six months from the date of issuance of the award letter.

13. The Institute reserves the right to accept or reject any quotation or cancel the tender process without assigning any reason thereof.

14. All the disputes shall be subject to Delhi jurisdiction only.

Yours faithfully,

(P.C. Joshi)
Accounts Officer
for Director

Copy to:-
C&DO – With the request to upload the same on the Institute's website and Govt. Portal

ANNEXURE – A

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. 5.02 lakh

OR

b) Two similar works each costing not less than **60%** of the E.C. i.e. Rs. 7.53 lakh

OR

c) One similar work costing not less than **80%** of the E.C. i.e. **Rs. 10.04 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.15.00 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

Annexure-'B'

Check list for submission of Technical Bid

Sl. 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.40,000/-)	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

Annexure – C

"FINANCIAL BID"

Name of Work: Up-gradation of fire system at MDNIY:

S. No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	PUMP HOUSE				
1	Servicing and overhauling of Main fire Pump with replacement of bearings, shaft machining work, overhauling of impeller casing ring, necessary packing, nut bolts and alignment.	01	JOB		
2	Servicing and overhauling of Jockey fire Pump with replacement of bearings, shaft machining work, overhauling of impeller casing ring, necessary packing, nut bolts and alignment.	01	JOB		
3	Servicing and overhauling of Diesel Engine driven fire Pump with replacement of engine oil, coolant, fuel filter, air filter, oil filter, adjustment of fuel injection, electric starter etc along with necessary packing, nut bolts and alignment.	01	JOB		
4.	Repair, Service Overhauling of Floor mounted type MCC / Starter panel of cubical construction.	01	JOB		
5	Removing existing pipe line and 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 fittings like tees, coupling, tees, strap tees, elbows flanges, reducers, gaskets, nuts and bolts etc. with joints as required including fixing the pipe with necessary structural supports including painting of two coats of synthetic enamel paint over two coats of red oxide primer including all civil breakage and making good the same. (Location: Fire Plant Room for Pump Suction and discharge header running at the				

	pump suction and discharge level and branches)				
a	150 mm dia	06	RM		
b	100 mm dia	06	RM		
c	80 mm dia	06	RM		
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 following required				
a	150 mm dia	2	NOS		
b	100 mm dia	2	NOS		
c	80 mm	2	NOS		
7	Providing, fixing, testing & commissioning of C.I. dual plate non-return valve [PN 16 (Rating 16kg/cm^2 pressure rating)] complete with 2 nos. matching flanges/ grooved coupling, rubber insertion, with nuts, bolts and washers etc of following sizes.				
a	150 mm dia	2	NOS		
8	Providing & fixing dial type (150 mm dia) pressure gauge with isolation ball valve suitable for working pressure of 250 PSI cost shall be of inclusive of providing any short pieces, nipples, elbows etc as required. Having calibration of 0-15 kg/ cm^2 .	4	NOS		
9	Providing & fixing pressure switch in MS Pipe line i/c connection as required	3	NOS		
10	Repair & Service of pre-charged air vessel made of 450 mm dia 8 mm thick M.S. Sheet & 1500 mm height dished end 10 mm thick for pressurization of hydrant and sprinkler system complete with adequate pressure switches (as per design / requirement) with valve to operate as per operating sequences including 25 mm dia drain valve, air release valve with ball cock on top, 80 mm dia flanged inlet with isolating valve duly painted from inside and outside complete as required.	1	NOS		
11	Repair, Service and overhauling of 150 mm dia Cast Iron installation control valve	1	JOB		

	assembly (test pressure should not be less than 15.0 kg/sq. cm) with flanges, nut, bolts & gasket complete with pad locking arrangement, vertical wet alarm valve with hydraulic alarm motor & gong, 2 nos. pressure gauges as per manufacturer recommendation with ball valves, 15 mm dia test valves, 50 mm dia drain valve with all necessary accessories.				
	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		
13	Providing, fixing testing and 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).	12	NOS		
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			
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 tees, elbows flanges, reducers, gaskets, nuts and bolts				

	etc. with joints as required including fixing the pipe with necessary structural supports including painting of two coats of synthetic enamel paint over two coats of red oxide primer including all civil breakage and making good the same. (Location : At outdoor External ring line)				
a	150 mm	6	RM		
b	80 mm	12	RM		
16	Providing and fixing Gun Metal four way fire brigade inlet to external hydrant ring / internal hydrant & sprinkler riser / Header with 63 mm dia instantaneous type inlet and 150 mm dia flanges outlet conforming to IS: 904 with blank cap and chain complete with nuts, bolts, flanges and complete in all respect.	1	NOS		
17	Providing and fixing 100 mm dia female threaded coupling fire brigade confirming to IS: 903-1983 and duly ISI marked.	1	NOS		
18	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.	6	NOS		
	INTERNAL				
	ADMINISTRATION WING				
19	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 – Internal Hydrant)	02	NOS		
20	Providing, fixing testing and commissioning of 63 mm dia 15 m long non-percolating flexible hose (RRL- type A) as per IS : 636. Type "A" with Stainless steel	05	NOS		

	male & female instantaneous type coupling (IS 903) bound and riveted to hose pipe with copper rivets and 1.5 mm copper wire (For internal).				
21	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 63mm dia coupling ISI marked (IS: 903) complete.	03	NOS		
22	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.	05	NOS		
23	Providing, fixing testing and commissioning of Wall mounting swinging type first aid fire hose reel with drum, hanging bracket, 30 Mtr. Length x 20 mm dia thermoplast hose reel tubing as per IS: 12585 with Stainless steel (SS) shut off nozzle having 6.5 mm dia orifice. The hose reel shall be conforming to IS : 884-1985. Rate shall include 25 mm dia M.S. pipe (heavy class) connection from Riser to hose reel, sockets, nipples, elbows and ball valve (25 mm dia). Drum shall be fixed on adjoining wall by means of 120 mm x 100 mm long fasteners, bolts and nuts including painting. (For internal hydrant system).	04	NOS		
	IN OPD				
24	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	3	NOS		

	required. (For- Internal Hydrant)				
25	Providing, fixing testing and 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 internal)	3	NOS		
26	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 63mm dia coupling ISI marked (IS: 903) complete.	3	NOS		
27	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		
28	Providing, fixing testing and commissioning of Wall mounting swinging type first aid fire hose reel with drum, hanging bracket, 30 mtr. Length x 20 mm diathermoplast hose reel tubing as per IS: 12585 with Stainless steel (SS) shut off nozzle having 6.5 mm dia orifice. The hose reel shall be conforming to IS: 884-1985. Rate shall include 25 mm dia M.S. pipe (heavy class) connection from Riser to hose reel, sockets, nipples, elbows and ball valve (25 mm dia). Drum shall be fixed on adjoin wall by means of 120 mm x 100 mm long fasteners, bolts and nuts including painting. (For internal hydrant system).	4	NOS		
	TERRACE ADMINISTRATIVE WING & OPD				
29	Providing and fixing Air cushion tank (air- vessel) 250 mm dia x 1.2 m high with dished top, make of minimum 8 mm thick MS pipe/ plate complete with 25 mm dia. Brass air valve (ball valve,	2	NOS		

	pressure guage type), 25 mm dia brass stop cock, nipple, tees, B46 elbow, pipe and all accessories as required incl. fixing brackets/ base support complete.				
30	SITC of Mono Block pump set complete with base plate and all accessories suitable for operation on 220 v single phase 50 hz AC supply complete with suitable HP	2	NOS		
31	Repair of Overhead PVC Water Tank 5000 Ltr	1	JOB		
32	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 fitting like tees, elbows flanges, reducers, gaskets, nuts and bolts etc. with joints as required including fixing the pipe with necessary structural supports including painting of two coats of synthetic enamel paint over two coat of red oxide primer including all civil breakage and making good the same. (Location: At Terrace Level)				
a	100 MM	24	RM		
33	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 following required.				
a	100 mm	2	NOS		
34	Providing, fixing, testing & commissioning of C.I. dual plate non-return valve [PN 16 (Rating 16 kg/ cm^2 pressure rating)] complete with 2 NOS. matching flanges/ grooved coupling, rubber insertion, with nuts, bolts and washers etc. of following sizes.				
a	100 MM	1	NOS		
35	Providing & fixing dial type (150 mm dia) pressure guage with isolation ball valve suitable for working pressure of 250 PSI cost shall be of inclusive of providing any short pieces, nipples, elbows etc as required. Having	2	NOS		

	calibration of 0-15 kg/ cm^2.				
36	Providing & fixing pressure switch in MS pipe line i/c connection as required	1	NOS		
37	Providing & Fixing of DOL Starter Electrical panel	2	NOS		
	SPRINKLER SYSTEM FOR OPD & ADMINISTRATIVE BLOCK				
38	Removing existing pipe line and 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 fittings like tees, coupling, tees, strap tees, elbows flanges, reducers, gaskets, nuts, and bolts etc. with joints as required including fixing the pipe with necessary structural supports including painting of two coats of synthetic enamel paint over two coats of red oxide primer including all civil breakage and making good the same. (Location: AT OPD & ADMINISTRATIVE DEPARTMENT)				
a	65 MM	50	RM		
b	25 MM	70	RM		
39	Providing, fixing, testing and commissioning of 15 mm diaquartzoid bulb type Stainless steel sprinkler head				
40	Pendent Sprinkler 68°C/ Upright Sprinkler 680C	70	NOS		
41	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 following required				
a	80 mm	4	NOS		
	AUTOMATIC FIRE ALARM SYSTEM AT OPD & ADMINISTRATIVE WING				
42	SITC of 4 zone microprocessor based main control fabricated with 16 guage (1.6 mm) CRCA sheet complete with dust & vermin proof with neoprene gasket wall mounting type with hinged glass door with lock &	2	NOS		

	key arrangement suitable for operation etc as reqd.				
43	Replacement of following type faulty unserviceable optical smoke detector complete with base	50	NOS		
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		
45	P/F electronic hooter of 4 watts i/c making connection & testing etc. as reqd.	10	NOS		
	FIRE EXTINGUISHER				
a	Supply, installation, testing & commissioning of ABC Modular Type Fire Extinguisher capacity 5 kg complete with pressure guage and able to operate automatically in case of Fire manufacturer certificate	3	NOS		
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		
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		
TOTAL					
GST, if any					

Signature with seal