



NAYA RAIPUR DEVELOPMENT AUTHORITY

**Tender Document for the
Supply, Installation, Testing & Commissioning of 3 phase,
25 KVA Diesel Generating set with AMF Panel to Immersive
Dome for North Central Park, sector-20 at Naya Raipur**

(Following Three-Envelope Tender Procedure)

**Schedule – A
Price Tender
To be submitted in ENVELOPE-3**

NIT No.: 74/D.G/SITC/ ELECT /CE(E)/NRDA/2016-17,

Dated: 03.06.2016

Issued by: Chief Executive Officer,
Naya Raipur Development Authority (NRDA)
1st Floor, Utility block, Capitol Complex, Sector- 19,
Naya Raipur- 492 002, Chhattisgarh
Tel No: + 91 771 2511500; Fax No.: +91 771 2511400.
Website: www.nayarapur.gov.in

Tender Document Contains

- (a) Only schedule "A" and Section-I of schedule "D" are to be filled & signed by the tenderer
 (b) All the certificates as per pre qualification criteria shall be appended with relevant forms of schedule "D"

1. PART ONE (NRDA F-1)-(Attached herewith, to be submit along the tender)

Part (A)

- a) Press Notice
 b) Detailed NIT

Part (B)

a) Schedule-A

- (i) Cost Abstract
 (ii) Bill of Quantities

- b) Schedule-B –NIL
 c) Schedule-C –NIL
 d) Schedule-D

Section-I..... Technical tender forms

- (i) Letter of Technical Tender
 (ii) Tenderer's Information Sheet
 (iii) Annual Turnover
 (iv) Specific Construction Experience
 (v) Declaration
 (vi) Check list for Technical tender evaluation

Section –IIScope of work

Section –III..... Technical specifications of work

Section –IV..... Special Conditions of Contract

Section –V..... List of approved makes

Section –VI..... Drawings

- e) Schedule-E
 f) Schedule-F

2. PART TWO (NRDA F-2/3)-Standard form (Not Attached herewith, and not to be submitted along the tender) Important note: - Link site <http://nayaraipur.com/documents/gcc.pdf>

1. General Guidelines
2. Tender
3. General rules and directions
4. Conditions of contract
5. Clauses of contract
6. Model rules relating to labour, water supply and sanitation in labour camps safety code
7. Contract forms
 - (a) Draft Format for Performance Security
 - (b) Earnest Money Deposit Form (Bank Guarantee)
 - (c) Format of Contract Agreement
 - (d) Draft Format for Performance Guarantee for Water Proofing and Anti-termite Works
 - (e) Indemnity Bond
 - (f) Indenture Bond
 - (g) Notice for Appointment of Arbitrator
8. Proforma of schedules (Schedule 'A' to Schedule 'F')

Naya Raipur Development Authority (NRDA) Raipur, Chhattisgarh

Document details

Name of work : “Supply, Installation, Testing & Commissioning of 3 phase, 25 KVA Diesel Generating set with AMF Panel”

Name of Tenderer:

Details

- a) Cost of Tender Document : Rs
- b) EMD : Rs

Signature of Tenderer

Date:_____

Signature of Contractor.....

Signature of NRDA.....

COST ABSTRACT**Supply, Installation, Testing & Commissioning of 3 phase, 25 KVA Diesel Generating set with AMF Panel to Immersive dome for north Central park sector-20 at Naya Raipur**

Sr. No	Description of Item	Amount in INR	Amount in Words (In INR)
1	Supply, Installation, Testing & Commissioning of 3 phase, 25 KVA Diesel Generating set with AMF Panel	Rs. -	
Total amount of work		Rs. -	-

**Bill of quantity for
Supply, Installation, Testing & Commissioning of 3 phase, 25 KVA Diesel Generating set with AMF Panel to Immersive dome for north Central park sector-20 at Naya Raipur**

Sr. No	Description of Item	Unit	Quantity	Rate (In INR) (In Figure)	Rate (In INR) (In Words)	Amount (In INR)
1	Supply, installation, testing and commissioning of silent type Diesel Generating Set alongwith having prime power of 25 KVA, 3 Phase, 50HZ, 415 Volt at 1500 RPM and consisting of the followings					
a	Engine :-water cooled diesel engine of suitable BHP for rated alternator at 1500 rpm, turbo charged, direct injection type, 4 stroke, 4/6 cylinder including specified size fuel tank of approved design and shape duly calibrated and painted with one coat of primer and two coats of synthetic enameled paint of approved colour, residential type silencer with exhaust MS pipe (upto 2 metre beyond silenser) duly wrapped with asbestos rope of legging of specified quality and specification.					
b	Alternator: rated at 25 KVA, 415 volts at 1500 RPM,suitable for 50 Hz 3-Phase system, AC Supply with 0.8 lagging power factor					
c	Out door type AMF Panel :Cubical, compartmentalized, AMF panel board with all suitable size power and control contactors, switches,meters and other accessories, internal wiring, connection,inter-connection etc. for trouble free smooth functioning of DG Set complete with battery charger and leads, Microprocessor/relay based AMF Control panel as required.	set	1		Rs.	
d	Starting system 12V/24V DC starting system comprising of starter motor: voltage regulator and arrangement for initial excitation complete with suitable nos of batteries as required.					
e	Base Plate : Common base plate of required size for mounting of engine alternator set fabricated from MS channel and vibration damping arrangement with cushy foot mounting i/c painting etc. as required					
f	Acoustic and weather proof enclosure with arrangement for fresh air intake for cooling of engine and alternator, extraction, discharging hot air in to the atmosphere as per pecifications					
g	2 year warranty and Quartly visit the D.G set for 2 year					

2	Earthing with G.I. earth pipe 4.5 mtr long, 40 mm dia i/c accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc with charcoal and salt as reqd	Each	3			-
3	Supplying and laying 25mmx5mm G.I.Strip at 0.50 metre below ground as strip earth electrode i/c soldering etc as reqd	metre	10		Rs.	-
4	Supplying and laying 6 SWG G.I. wire on surface or in recess for loop earthing along with cable as required	meter	10		Rs.	-
5	Supply & laying of one number PVC insulated control cable of 1.1 KV Grade of size 2.5 sqmm 10 core copper cable	Each	10		Rs.	-
6	Supply and laying of XLPE insulated PVC Sheathed Aluminum conductor armored cable of 1.1 KV Grade of 3.5x35 sqmm size as required.	meter	10		Rs.	-
7	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5x35 sqmm size PVC Sheathed Aluminium conductor cable of 1.1 KV Grade as required	Each	1		Rs.	-
Total amount of work					Rs.	-