

**CENTRAL BOARD OF SECONDARY EDUCATION
(REGIONAL OFFICE)
AMBIKA COMPLEX, SHEKHPURA, BEHIND SBI COLONY, BAILEY ROAD, PATNA**

TENDER NOTICE

SITC of 62.5 KVA Silent DG Set of reputed make eg. Kirlosker, Greaves, Ashok Leyland, Cummins, Escorts, Kohler make with AMF panel, auto-start/stopping i.e. requisite civil works etc. complete.

Reputed agencies which have executed minimum three similar works may apply on the prescribed tender form which can be downloaded through the Board's website www.cbse.nic.in. Tender forms may also be collected from the CBSE Regional Office-Patna from 04.02.2014 to 27.02.2014 (between 0900 hrs to 1300 hrs) complete in all respect alongwith the cost of tender Rs.500/- and an EMD of Rs.30,000/- in the form of DD/BD must reach the Board's Regional Office AMBIKA COMPLEX, SHEKHPURA, BEHIND SBI COLONY, BAILEY ROAD, PATNA, on or before 27.02.2014 upto 01:00 p.m. Incomplete and conditional tenders shall be summarily rejected.

Any addendum/dedendum/corrigendum shall be posted on the website only.

**Sd./-
(Regional Officer)**

**CENTRAL BOARD OF SECONDARY EDUCATION,
(REGIONAL OFFICE)**

AMBIKA COMPLEX, SHEKHPURA, BEHIND SBI COLONY, BAILEY ROAD, PATNA

Tender Form No. _____

Last date of submission : 27.02.2014

Upto 01:00 p.m.

Note : Tenderer must read the instructions

Instructions to the Tenderers : before filling the particulars in this part.

1.. Credentials of the Tenderers

1.1 Name of the Agency with Regn. No.:

1.2 Office Address and Tel. Nos.:

1.3 Name(s) of the Proprieter/Partners:

1.4 WCT No. :

1.5 PAN No. (with documentary evidence)

1.6 Details of P.F. and ESI Registration No.
etc. (With documentary evidence) :

1.7 Annual turnover preferably last three years
supported with documentary evidence):

1.8 VAT registration No. :

(submit documentary proof)

2. Past Experience (preferably last three years)
with all necessary documentary evidence : _____

SL. Nos.	Year	Name of the Organization	Cost of the work (Executed)	Officer Concd. In the Organization with T.No.	Period From	To
01.	2010-2011					
02.	2011-2012					
03.	2012-2013					

Has the firm ever been debarred/black listed by any organization ?
If 'Yes' the details thereof. _____

2.2 The organizational set-up including
Technical infrastructure/staff strength
in all the categories. _____

2.3 Similar work in hand at Patna and nearby cities within
100 k.m range _____

2.4 Particulars of Demand Draft paid as
Earnest Money & cost of tender form payable in f/o the 'Secretary, CBSE' payable at Patna

Amount : Rs. 30,000/- DD NO. : _____

Amount Rs.500/- DD NO. : _____

Issuing Bank with date of issue: _____

(Signature of the Tenderer)

With complete address and seal

Tel. No.: _____

Mobile No.: _____

Place: _____

Date: _____

INSTRUCTION TO THE TENDERERS

1. Attested photocopies of the required documents be attached.
2. The firm must be having a minimum experience of 5 years in the field.
3. The Price-Bid must be sealed separately and its envelope should be superscribed Price-Bid.
4. EMD and all other documents must be annexed alongwith the firm's profile.
5. The firm must be authorized dealer/fabricator of the manufacturer.
6. A list of Client organizations with tel. phone .no. must be attached.
7. The tenderer must specify the salient features of the proposed system w.r.t tender mandatory requirements.
8. A drawing detailing space requirement must be enclosed.
9. The Price-Bid must be signed by the Authorized Signatory.
10. The tenderer should avoid cutting/overwriting.
11. Rates must be mentioned in words & figures both.
12. The tenderer shall have to annex the technical parameter/brochures of the equipments.

Accepted by me
Seal & Signature of the Tenderer

Technical Specifications

1. The work shall be executed as per CPWD specifications and best engg. norms.
2. The acoustic enclosure must be sturdy anti skid base, weather proof, self supporting with load bearing corner posts and panels made up of cold rolled sheet steel to withstand all weathers and fabricated as per TM-3 of ABGSM specification.
3. The enclosure should have two doors of adequate size with suitable locking arrangements, thickness of wall panels including structures and insulation shall be restricted to a maximum of 180 mm, the inner wall panel should be of dampening and acoustic absorptive material retained under screen of perforated sheet meeting the requirement of fire rating for class-I BS-476 Part- VII of 1971.
4. The joinery between wall panels and supporting corner posts shall be lap welded the panels shall be stiffened to prevent drumming effect. Painting should be of high quality meeting all weather conditions, corrosion and finally painted with polyurethane paint.
5. The lighting system in the enclosure shall have two light points (A.C supply as well as D.C supply with requisite CFL/Fluorescent lamp. Auxiliary power plug 6-16 A socket with switches be provided.)
6. The control panel should be indoor type totally enclosed, self supporting, floor mounting dust tight and vermin proof having gland plated at bottom/top for cables termination. The panel should conform to Central Electricity Authority regulations.

Approved Makes:-

- | | |
|----------------------|---|
| 1. Engine: | Kirloskar/Greaves/Ashok Leyland/Cummins/Escorts/Kohler |
| 2. Alternator: | Kirloskar Electric/Crompton/Stamford/Escorts/Kohler/Cummins |
| 3. M.C.C.B: | Crompton/LT-LK/Siemens |
| 4. Meters: | AE/Rishab/Impex |
| 5. Indicating lamps: | LED |
| 6. C.T: | Kappa/Calpa/AE |
| 7. L.T Cable: | Gloster/Grandlay/Asian |
| 8. Relays: | Reputed brands only |
| 9. Wiring Cable: | Finolex/Havells/Anchor |

Accepted by me
Signature of the Tenderer

PRICE-BID
Schedule for 62.5 KVA DG Set

S.No	<u>Description of items</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	<u>Amount</u>
<u>1</u>	<p>SITC of factory assembled AMF type Gen Set of 62.5 KVA/50 KW, 0.8 PF, 1500 RPM of approved make consisting of the following:- (a) Water cooled diesel engine with electric starting equipment, batteries with leads etc. complete with accessories, as per detailed tech. specifications. (b) Common bed plate with anti vibration mounting as required. (c) Alternator suitably coupled to the engine as per detailed specifications. (d) Piping and plumbing work required for fuel.</p> <p>(i) Fuel system i/c all accessories- upto 5 mtrs (Maximum)</p> <p>(ii) Exhaust piping suitably insulated as per specifications- upto 3 Mtrs (Maximum) (e) Control wiring with copper cables (i/c all accessories with necessary conduit, accessories etc. from AMF panel to gensets as required -1 lot. (f) Diesel fuel tank as per specifications & capacity 200 ltrs. (g) Residential silencer duly insulated. (h) Sound proof acoustic enclosure/canopy to reduce the noise level to 75 db. at a distance of 1.00 mtr. (as per latest CPCB requirements) (Note: The output rating is with acoustic enclosure).</p>	<u>1</u>	JOB		
<u>2</u>	<p>Fabrication, manufacturing, supplying and installation of microprocessor based AMF control panel made out of 2 mm thick M.S. sheet, powder coated as per ISS with built- in bypass arrangement with 2 nos.100 Amps 4 pole 'on load' change over switches and 2 nos 100 Amps 4 pole MCCB with OC/SC/EF protection for EB and genset incoming, battery charging arrangement, control relays for engine overspeed, low lub oil pressure, high- cooling water temp. fuel shut off, suitable capacity aluminium bus- bar chamber, automatic engine starting & stopping complete as per details specification & the requirement of the Board.</p>	<u>1</u>	JOB		
<u>3</u>	<p>Providing and fixing of 200 A main switch fuse unit and DFB with bus-bar for parallel distribution of DG Set supply facilitating bifurcation of load (Composite unit).</p>	<u>1</u>	SETS		

<u>4</u>	(a) Earthing with G.I pipe 4.5 mtr. long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with salt and coke as required. (b) Salt/coke for pipe earth electrode: Extra for using salt and coke for pipe earth electrode as required.	<u>4</u>	SETS		
<u>5</u>	(a) Supplying & lying 25 mm x 5 mm G.I strip at 0.5 mtr. below ground as strip earth electrode i/c soldering etc. (b) Providing and fixing 25 mm x 5 mm G.I strip in 40 mm G.I pipe from earth electrode as required. (c) Providing and fixing 25 mm x 5 mm G.I strip on surface for connections etc. as required.	<u>25</u>	MTRS.		
		<u>12</u>	MTRS.		
		<u>15</u>	MTRS.		
<u>6</u>	Laying of one number PVC insulated PVC sheathed/ XPLE power cable of 1.1 KV grade of size 95 sq. mm on surface as required.	<u>25</u>	MTRS.		
<u>7</u>	Supplying and making end termination with brass compression glands and aluminium lugs for following sizes of PVC insulated and PVC sheathed cable of 1.1 KV grade as required. (a) 3 1/2 x 95 sq. mm	<u>6</u>	SETS		
<u>8</u>	Providing & laying C.C foundation with 1:2:4 mix of suitable size upto a height of 150 mm using 100 mm sub-grade after preparing the surface, leveling, compaction etc. complete.	<u>LS</u>	JOB WORK		

Gross Amount:

NOTE: I UNDERTAKE TO COMPLY THE CPWD SPECIFICATIONS AND ALSO THE DIRECTIONS OF THE ENGINEER ENCHARGE. THE WORK SHALL BE COMPLETED TO THE FULLEST SATISFACTION OF THE BOARD ENSURING BEST ENGG. NORMS.

ACCEPTED BY ME

Signature of Prop./Manager

Rubber Seal of firm

Mobile No.:

Phone No.....

Terms & Conditions

1. The work has to be completed within 45 days of the issue of the work order.
2. The work shall be executed under the strict supervision of the Board's Engineer.
3. The Agency has to depute a Site Supervisor for coordinating and supervising the work. He must be qualified person having 8-10 yrs. experience.
4. In case of delay, a penalty of 1 % per week shall be levied.
5. In case of slow progress/inferior workmanship/inordinate delay, the Board shall have the right to rescind the work & also get the work executed at the risk & cost of the defaulting agency.
6. The measurement shall be made jointly.
7. Before deporting the materials, its authenticity shall be got checked through the Board's Engineer/Regional Officer.
8. The D.G Set shall have to be tested as per I.S.S with overload capacity of 10 % for one hour.
9. The Warranty shall be (2) two yrs from the date of commissioning or 5000 running hours whichever is earlier.
10. 95% payment shall be made on commissioning and 5% shall be retained as 'Security' for a period of six months.
11. The 'Security' shall be released only after "Defect-Liability" period of six months is over and there is no pending complaint in r/o the work.
12. The quantities mentioned in the schedule are tentative.
13. Any extra/substituted item, if necessitated, may be executed only after seeking written approval of the Board's Engineer.
14. In case of any hindrance at site, time extension for the corresponding period shall be sought from the Board.
15. The rate quoted should be inclusive of all taxes whatsoever i/c Excise/CST/Freight Octroi as well as the commissioning charges.

Accepted by me
Seal & Signature of the Tenderer