

Rate Contract
Government of India
Directorate General of Supplies & Disposals
Jeevan Tara Building, 5 Sansad Marg
New Delhi-110001
Tel Number 23360610/23360537

Digitally signed By:
DEVENDRA KUMAR SINGH
Email id:
dirs.wl.dgsnd@nic.in

Rate Contract no. DGSET-3.5/ME-6/RC-B7060000/1116/06/03541/1228
Dated 16-FEB-16

To,

ELMECH ENGINEERS.
Elmech Engineers,
1402, Chiranjiv Tower, 43 Nehru Place,

NEW DELHI

Sub: Rate Contract for supply of Diesel Generating Set - 3.5 KVA
Validity: From 16-FEB-16 To 28-FEB-17 .

Ref:(1) This Office Tender Enquiry No. DGSET-3.5/ME-6/RC-B7060000/1116/06
Opened on 19-NOV-15.
(2) Your Quotation No. 8738 And Dated
19-NOV-15.

Dear Sir,

You are hereby informed that your above referred tender read with subsequent letters mentioned above for the Stores specified in the Schedules annexed has been accepted. This rate contract will be governed by the terms and conditions brought in the Form no. DGS&D 1001 including DGS&D Arbitration Clause available from DGS&d sales counter on payment of Rs. 50/- The dispute cannot be referred by the contractor or entertained by facilitation Council or any other adjudicating forum. The Rate Contract and the schedules annexed here to shall be the sole repository of this Rate Contract/Transaction.

SCHEDULES ANNEXED

1. Schedule "A" Description of stores, prices, duties/taxes.
2. Schedule "B" special conditions of contract / Other information.
3. Schedule "C" Information to DDOs about parallel rate contracts.
4. Annexure - Technical Specification

Yours Faithfully,

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Assistant Director(S)/Section Officer/Dy. Director/Director/DDG(S)
For and on behalf of the purchaser named in the Form DGS&D 1001.

SCHEDULE - A

1. Rate Contract No.: -DGSET-3.5/ME-6/RC-B7060000/1116/06/03541/1228
Dated 16-FEB-16 For the Supply of Diesel Generating Set - 3.5 KVA

2. Advance Rate Contract No.: - Nil
Dated

3.(a) Name and Full Address of the Firm :-

ELMECH ENGINEERS.
Elmech Engineers,
1402, Chiranjiv Tower, 43 Nehru Place,

NEW DELHI
DELHI - 110019
Tel. No. - 9818820522, 9007112550, 011-41608333
Fax -
Email - tendercell@elmechengineers.com

(b) Name and Full Address of Manufacturer :-
M/s Elmech Engineers,
Plot No.6, Jayshree Complex, Alampur, P.O. New Kalorah,
Haowrah-711302 (West Bengal)

(c) Brand: KIRLOSKER/KOEL GREEN

4. Validity of Rate Contract: 16-FEB-16 To 28-FEB-17

5. Description of Item, Specification, Unit, Rate

Item No.	Model No.	Store Description	Taxation				Unit	Rate (in Rs)
			ED	ED%	CST/VAT	CST/VAT%		
1	Kirloskar Green by Kirloskar Oil Engines Ltd./KG1-3.5AS	Diesel Generating Set, suitable to operate on 240V, Single Phase AC	Rating in KVA: 3.5, Type of Engine Air, Type of Control Panel: Manual	Cooling: NOS.			167899	
							Rs. ONE LAKHS SIXTY-SEVEN THOUSAND EIGHT HUNDRED NINETY-NINE ONLY	
			Excl	12.5	Excl.	14.5		
Min. Order Qty (in unit):- 1			Lead Time (in days):- 30		Rate of Supply (monthly):- 500			
2	Kirloskar Green/KOEL	Diesel Generating Set, suitable to operate on	Rating in KVA: 3.5, Type of Engine Air, Type of Control Panel: Automatic Mains	Cooling: NOS.			177394	
							Rs. ONE	

Green by 240V, Single Phase AC Failure
 Kirloskar Oil
 Engines
 Ltd./KG1-
 3.5AS

LAKHS
 SEVENTY-
 SEVEN
 THOUSAN
 D THREE
 HUNDRED
 NINETY-
 FOUR
 ONLY

	Excl	12.5	Excl.	14.5	
Min.Order Qty(in unit):-	1	Lead Time(in days):-	30	Rate of Supply(monthly):-	500

- 6-Terms of Delivery: Free delivery at site (i.e. at consignees place)
- 7-Excise Duty: Excise duty extra @ 12.5%
- 8-Sales Tax: CST/VAT extra @ 14.5%
- 9-Delivery Period: Delivery will commence after 30 days @500 Nos. per month.
- 10(a)-Annual Turnover: 2014-15 4000.14 Rs. in Lac
 2013-14 6317.29
 2012-13 3423.49
- (b)-Monetary Limit(In Rs.): Without Any Limit
- 11-Payment Terms: 100% payment against complete acceptance of the material by the consignee after due verification of quality and quantity . This process of verification shall be completed within a period of 60 days of receipt of the consignment, failing which payment shall be released.
- 12-Slab Discount Clause: Applicable
 ([Click here to see the details](#))
- | Value From | To | % Discount |
|------------|-----------|------------|
| 1000000 | 1500000 | |
| 1500001 | 2000000 | |
| 2000001 | 2500000 | |
| 2500001 | 3000000 | |
| 3000001 | And Above | |
- 13-Prices: FIXED
- 14-Quantity Offered: -
- 15-Minimum Quantity in Single Supply Order:
- 16-Minimum order Value in Single Supply Order: 0
- 17-Status of the RC Holding Firm: SSI
- 18-Paying Authority: PAO,User Deptt

(a)The payment to the suppliers in all the adhoc Contract (A/Ts) and / or Supply Order placed against DGS&D Rate Contracts shall be made directly by indentors i.e. order placing authority through their concerned Pay & Accounts Offices only, instead of CCA(Supply) or its Regional Pay & Accounts Offices of Department of Commerce.

(b)The payment to the supplier shall be paid by the indentors as per prescribed forms of payments including timelines for payments within 60 days of due date which must be ensured by the indentors.Delays,if any, in this regard would render the indentors responsible and not the DGS&D in any manner whatsoever.

(c)Consequently,the requisite Departmental charges + prevailing Service Tax thereon shall be deposited by the respective Pay & Account offices (PAO) of the indentors directly to the Receipt Head Account of DGS&D as prescribed by CGA.

(d)Indentors shall be directly responsible for any non-compliance/default for the afore-said provisions.

19-Inspection Authority:

For Civil
ADG(QA),Jeevan Tara Building,Parliament Street
New Delhi

20-Quality Assurance Officer/Inspecting officer:

For Civil
Office of the Director Of Quality Assurance Nizam
Palace, 2 nd Ms Bldg, 234/4,Acharya J.C.Bose Rd
Kolkata
WEST BENGAL -700020
For stores procured against DGS&D Rate Contract the
Inspection Officer would be:
(i) User Departments/DDO/Consignee itself or any
authority/agency appointed by them or
(ii) Additional Director General (QA) in DGS&D (if
desired by user Departments/DDO/Consignee).

21-Place where the Stores are to be Tendered
for Inspection:

Pre-despatch inspection at manufacturer's premises or
consignee end inspection after receipt of stores or at both
places, at the option of indentor.

22-R/C is DDOs Operated:

Yes

With effect from First October two thousand eight (01-10-2008),all supply order(s) against this Rate Contract must be placed by Direct Demanding Officer(s) on-line through D.G.S&D web site (www.dgsnd.gov.in) (indentor's page) only. Supply order(s) in any other form placed on or after 01-10-2008 shall not be valid and shall not be acted upon by the contractor or any other concerned agencies.

DDO shall download the supply order and send an ink signed copy to the concerned paying authority specified in the rate contract through Registered / speed post immediately after on-line placement of Supply Order(s).

23-Packing & Specification :

see annexure

24- Departmental Charges : Departmental charges at the rates prescribed by government from time to time shall be levied,for the services rendered by the Directorate General of Supplies and Disposal,in regard to Purchase & Inspection. The rates currently applicable for departmental charges in regard to purchase and inspection of stores against DGS&D R/C.

24(a) For Purchase : - Departmental Charges will be levied @ 1.0% of the value of the contract or supply order placed against the DGS&D rate contract.

24(b) For Inspection :- Departmental Charges will be levied @ 1.0% of the value of the contract or supply order placed against the DGS&D rate contract.

24(c). The value of the Contract or Supply Order shall be all inclusive basis including all taxes & duties. Service tax at prevailing rate as applicable shall be chargeable as extra on the Departmental Charges.

24(d) Such direct/referral Supply Orders being placed by various Government users on Rate Contract holding firms or their dealers/sub agents,obtaining supplies and making direct payments to the firms for the cost of stores prescribed in the Rate

Contracts are liable to pay a nominal fee as Departmental Charges @0.25% of the value of Supply Order (all inclusive including taxes & duties) + Service Tax extra as applicable. After receipt of Supply Order, the firm will deposit the said Departmental charges + service tax thereon at the rates provided in the R/C to the concerned Controller of Accounts (CCA) viz. Delhi/Mumbai/Kolkata/Chennai, as the case may be, as indicated in the R/C by way of Demand Draft/Bank Transfer. In case, the supplies are made in installments, the aforesaid Departmental charges + Service Tax can be paid by the firm with CCA on pro-rata basis based on the value of the supplies made. In case no supplies are made, Departmental charges would not be payable / claimable as no service would be deemed to have been rendered by DGS&D. The firms can claim Departmental charges from PAO of the indenter for the direct/referral orders placed by them. Those who err/conceal/misrepresent/default in payment of prescribed Department Charges would be viewed adversely and shall be liable for actions as deemed fit by DGS&D including de-registration, debarring or suspension of business dealings, blacklisting, bad performance and denial of further Rate Contracts etc, in addition to recovery of the requisite amounts. It would be the responsibility of the user department to ensure that the prescribed departmental charges have been paid by the supplier before releasing their payments for the supplies. The firm would also disclose the same to DGS&D.

24(e) The Referral /Direct Orders placed by the indenter by tweaking DGS&D Rate Contract terms & condition and/or Specifications and obtaining the supplies within 1% of the DGS&D Rate Contract prices, such transactions will fall within the purview of DGS&D Rate Contract and will also attract the aforesaid Departmental Charges @0.25% of the value of stores ordered and supplied along with applicable Service Tax thereon.

24(f) In the event of placing such Referral/Direct Supply Orders, indentors shall send e-mail to DGS&D for which a special provision would be provided on DGS&D website. While the indentors placing on-line Supply Order on DGS&D e-procurement portal shall have the protection under the terms & conditions of DGS&D Rate Contract, the same would not be available in case they choose to place paper Supply Order and such transactions would be at their own risk.

25. DGS&D reserves the right for pre-dispatch inspection at manufacturer's premises or consignee end inspection after receipt of stores or at both places, at the option of indentors.

26. Jurisdiction/Arbitration Clause

a) Jurisdiction will be the place of issue of the rate contract. Sole Arbitrator will be appointed by DG(S&D). For details refer Clause-23 of DGS&D-1001. Further, where the Contract/Rate Contract is governed by DGS&D arbitration clause, the dispute cannot be referred by the supplier or entertained by Facilitation Council or any other Adjudicating Forum.

b) The arbitrator as appointed under provisions of para 18.1.1 of DGS&D Manual shall adjudicate only on the disputes arising out of interpretation of terms & conditions stipulated in Rate Contracts. For settlement of disputes relating to execution of supply orders placed by various Direct Demanding officers (DDOs)/Indentors against DGS&D Rate Contracts, each DDO/INDENTOR shall himself nominate an arbitrator at the time of placement of supply orders, as per guidelines/instructions for appointment of arbitrator in indenting organisation.

c) DGS&D or its regional offices shall not be made a party in any dispute relating to execution of Supply Order placed by DDO/Indenter against DGS&D Rate Contracts including the case filed in MSME Facilitation Councils.

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Asstt. Director (S) / Section Officer / Dy. Director
For and behalf of the purchaser named in the Form DGS&D 1001.

All the R/C particulars including prices in respect of individual R/Cs are available on DGS&D website which can be accessed by all. The DGS&D website is <http://dgsnd.gov.in>

SCHEDULE - B

TEST REPORTS FOR REGISTRATION AND ACCEPTANCE OF GOODS:

In case of products having satisfactory test reports from International Laboratory Accreditation Cooperation (ILAC) or their worldwide affiliated/recognized labs or NABL approved labs, it would be sufficient to consider the products of requisite quality for acceptance without insistence for any further testing pursuant to DGS&D Manual Correction Slip No. 38 dated 18-12-2012.

Special Terms & Conditions

Slab discount :

Value From	To	% Discount
1000000	1500000	1.747
1500001	2000000	1.747
2000001	2500000	1.747
2500001	3000000	1.747
3000001	And Above	1.747

SCHEDULE - C

List of Parallel Rate Contract For Diesel Generating Set - 3.5 KVA

Sr.No.	NAME & FULL ADDRESS OF FIRM	R/C NO & DATE
1	ELMECH ENGINEERS. Elmech Engineers, 1402, Chiranjiv Tower, 43 Nehru Place, NEW DELHI DELHI 110019	DGSET-3.5/ME-6/RC- B7060000/1116/06/03541/1228 16-FEB-16
2	ELECTRO EQUIPMENTS Plot No. 21, Raipur Sahakari Audyogic Shketra, Bhagwanpur, Roorkee. ROORKEE WEST BENGAL 247661	DGSET-3.5/ME-6/RC- B7060000/1116/06/04854/1229 16-FEB-16
3	PERFECT HOUSE PVT. LTD. 6,COMMERCE HOUSE 140,NAGINDAS MASTER ROAD, FORT,MUMBAI-4000001 MUMBAI MANIPUR 400001	DGSET-3.5/ME-6/RC- B7060000/1116/06/06298/1230 16-FEB-16
4	PRAKASH DIESELS PVT LTD 1656/1683, Naraich, Hathras Road, Agra AGRA UTTAR PRADESH 282006	DGSET-3.5/ME-6/RC- B7060000/1116/06/03546/1226 04-FEB-16

NOTE:

(1) Before placing supply order, DDOs are advised to check with DGS&D or on the website whether any further RCs have been awarded or amendments to Rate Contract have been issued.

(2) All the R/C particulars including prices in respect of individual R/C's are available on DGS&D website, which can be accessed by all. The access code of DGS&D website is <http://dgsnd.gov.in>.

ANNEXURE

Diesel engine and alternator shall be close coupled and mounted on a base plate of robust construction.

SPECIFICATION FOR ALTERNATOR, DIESEL ENGINE AND MANUAL/AMF CONTROL PANELS :

1. ALTERNATOR :

(a) The Alternator shall be self excited and self regulated of specified KVA rating in single phase at 240 Volt, 50 Hz, 1500 RPM and 0.8 power factor and shall conform to IS:13364 (Part 1):1992(reaffirmed 2003)

The alternators shall be of brush less type with VG-1 Grade or better grade of voltage regulation.

(b) The alternators shall be screen-protected drip proof with Minimum IP-21 degree of protection as per IS/IEC 60034-5(2000) with latest amendments, if any.

The class of insulation of the Alternator would be 'H'. The rated voltage of Alternator will be 240V.

2. Diesel Engines to be used in the DG Sets shall be Naturally Aspirated

3. DIESEL ENGINE (NATURALLY ASPIRATED):

a. Diesel Engine shall be air or water cooled as specified, electric start developing required B.H.P at 1500 RPM with Class A-2 Governing or better for alternator to deliver specified continuous KVA output at 0.8 pf lag at NTP conditions.

The Diesel Engine should be capable of providing 10% overload for one hour for every 11 hours continuous running at full load.

b. Naturally aspirated engine shall be ISI MARKED as per IS:10,001/1981 (reaffirmed 2006).

c. The specific fuel consumption of engine shall be as per IS specn.

d. The Diesel Engine shall be complete with the following accessories :

(i) Fuel tank with capacity for 12 hours continuous running at full load.

(ii) Engine instrument Panel consisting of starting switch with Key, Lube Oil temperature and pressure gauges, (water temperature gauge in case of water cooled engines), RPM indicator and hour meter.

(iii) Safety controls to shut down the engine in the event of low lube oil pressure or high cylinder head temperature in case of air-cooled engines or high water temperature in case of water-cooled engines.

(iv) Radiators in case of water-cooled engines.

(v) Exhaust silencer of Residential type.

(vi) 12V starting system complete with starter motor, charging alternator and Cutout.

(vii) Lead Acid, semi maintenance free or sealed maintenance free battery of suitable ratings with connecting cables and the battery/ies shall conform to relevant IS Specn.

(viii) Standard set of tools consisting of a set of 3 spanners, one screw driver,
one standard plier and one nose plier of appropriate size shall be provided
to the consignees along with DG sets, free of cost for each of DG sets.

4. MANUAL CONTROL PANEL :

- a. The manual Control Panel shall be fabricated from steel sheet of 1.5 mm thickness minimum duly pre-treated and aesthetically finished. The Control Panel shall be totally enclosed, dust and vermin proof, floor mounted or wall mounted/skid mounted or integral type (unless specifically specified as one of these options by DDOs) with IP-53 degree of protection and shall conform to IS/IEC 60947(Pt-1)/2004. Firms shall get the item type tested as per revised standard.
- b. The Control Panel shall have the following instruments :
- I. Composite meter for digital display of
 - i) Generator voltage.
 - ii) Load Current.
 - iii) Power Factor.
 - iv) Frequency
 - v) Energy
 - II. One MCCB of suitable rating for DG sets .
 - III. Push button-switch for ON and OFF operation .
 - IV. Pilot lamps, three nos.(one for phase, one for load on set and one for charging on).
 - V. Battery charger complete with voltage regulator, voltmeter and ammeter should provide for Trickle charging as well as Booster charging for charging
the battery from mains. This will be in addition to the battery charging alternator fitted on the engine.
- c. All the components in the control panel shall be properly mounted, duly wired
and labeled. Suitable terminals are to be provided for panel incoming and outgoing connections. The instruments/Components shall be of reputed make.

5. AMF CONTROL PANEL :

- a. Automatic mains failure (AMF) control panel, where applicable, shall be able
to start up the DG set and transfer the load on to the DG set on mains failure
without requiring any human intervention. Similarly on restoration of mains supply, it shall be able to transfer the load to mains supply and switch off
the DG set automatically.
- b. The AMF panel shall be an enclosure with the IP-53 degree of protection conforming to IS/IEC 60947(Pt-1)/2007, fabricated from minimum 1.5 mm thick steel sheet duly pre-treated and aesthetically finished.
- c. The AMF Control Panel shall have the following instruments :

- I. Microprocessor based relay with composite meter for digital display of
 - i) Generator voltage/AC Mains voltage.
 - ii) Generator Current.
 - iii) Power Factor.
 - iv) Frequency
 - v) Energy
 - vi) Three attempts engine start/engine cranking relay.
 - vii) On -delay timer for load change over
 - viii) On-delay timer for engine shut off
 - ix) Over current relay.
- II. Mode selector switch for setting the panel on any one position such as
off
or auto or manual or test.
- III. Engine On-Off switch (Push button type)
- IV. MCCB of suitable rating shall be provided.
- V. Rectangular aluminum bus bars (one number for each - phase, neutral and Earthing terminal)of adequate ratings duly colour coded with heat shrinkable PVC sleeves.
- VI. Two contactors of suitable rating (one for DG set & one for AC mains)with
over load relay.
- VII. Under-voltage relay for mains.
- VIII. Battery charger complete with voltage regulator, float or booster selector
switch, on-off switch, voltmeter and ammeter for charging the battery
from
mains. This will be in addition to the battery charging alternator
fitted on
the engine.
- IX. Instrument & Control Fuses.
- X. Five number indicating lamps to indicate 'mains ON', 'load on mains', 'set running', 'load on set' and 'battery charger on'.
- XI. Audio visual alarm for 'Low lubricating oil pressure', 'High water temperature'(for water cooled), 'High cylinder head temperature'(for air cooled), 'Start failure' and 'DG over load'.
- XII. Any other switch, instrument, relay or contactor etc. essential for
smooth
and trouble free functioning of DG set with AMF panel. (To be specified
by
the tenderers in their offer with complete details of the item).

6. Supplier shall furnish complete & satisfactory TTC for engines, alternators complete with enclosure to be used by them for DG set, clearly indicating make, model and rating of the DG sets tested at the time of registration and pre-despatch inspection.

7. Either of the following types of TTC shall be acceptable:

- a. Type Test Certificate issued by Govt. Lab/ ILAC accredited Lab/ NABL accredited Lab.
- b. Type Test Certificate issued by Government Lab irrespective of the fact that
whether engines and alternators were tested at firm's lab or some other
lab,
but witnessed by Government lab representative.

- b. Type Test Certificate issued by BIS, irrespective of the fact that whether engines and alternators were tested at firm's lab or some other lab, but witnessed by BIS/ Government lab representative.
 - d. Type Test Certificate issued by DQA on the basis of tests conducted at manufacturer's lab in presence of DQA officers.
8. The testing of diesel generating sets shall be done at 0.8 PF lag.
9. Testing shall be done at continuous power output for each rating.
10. Necessary gauge/meters shall be fitted to indicate
 - a. Quantity of fuel left in the fuel tank.
 - b. Hours of DG set operation.
11. DG Sets shall be provided with integrated accoustic enclosure which shall conform to latest norms of Central Pollution Control Board (CPCB).
12. The accoustic enclosure offered shall conform to the drawings type approved by Govt lab, for conformity to noise norms. This aspect shall also be verified at the time of inspection.
14. DG sets shall meet the requirements of Environmental(Protection) Rules 1986 as laid down by Min. of Environment & Forests read with GSR 371 (E) dated 17.5.2002, GSR 520(E)dated 01.7.2003 , No.448 (E)dated 12.07.2004 , GSR 771(E) dated 11.12.2013& GSR 232(E)dated 31.03.2014, Gazette Notification No. 167 dated. 31.03.2014 and Gazette Notification No. 578 dated. 11.11.2014. in respect of noise and emission norms. The latest amendments to above GSRs shall be applicable as and when amended by Ministry of Environment and Forest. DG sets shall also meet all other statutory requirements as notified by Govt. from time to time.
15. Supplier shall furnish following documents issued by a Govt authorized agency at the time of registration and pre-despatch inspection:
 - a. Type approval certificate (TAC) for emission norms for EACH model/family of engine.
 - b. TAC from for noise level norms EACH model of DG set.
 - c. COP for EACH model of DG set and engine used in DG set.
16. Scope of supply shall include supply and commissioning of the complete DG set at the consignee's end.
17. The item being brought on rate contract in this case has been categorized as safety / Difficult / Complaint prone item. Therefore registration with NSIC should be based on the capacity varification by the Quality Assurance Wing of DGS&D. NSIC registration should specifically indicate that their registration has been done based on favourable capacity assesment report from QA Wing of DGS&D. In

respect

of tenderers who are already registered with NSIC for the stores of tender enquiry

but their registration is not based on favourable capacity report from DQA DGS&D

concerned, the special capacity report from DQA DGS&D must be received in DGS&D.

Such firms should also get their registration certificate endorsed by NSIC for future reference.

18. A copy of formal agreement between the engine manufacturer and DG set supplier for

continuous supply of engines, during the validity period of the rate contract, should be submitted to DGS&D at the time of registration and inspection, unless DG

Set supplier themselves are not manufacturer of engines also.

19. Tenderers shall furnish the data in the questionnaire for each quoted items separately, alongwith their offer, including specific fuel consumption. The questionnaire and answers shall be made part of R/C for guidance of all the stake holders.

20. Firms shall furnish valid BIS license for all engines models at the time of registration and inspection.

21. Tenderers shall furnish list of authorized service centres throughout the country

with complete address, phone number, fax & email etc.

22. DG set manufacturers shall provide a list of inventories being supplied with the DG sets, to enable the consignee to verify them, at the time of delivery. The inventory list shall be attached alongwith the Inspection Notes.

23. Electronic governor shall also be acceptable in place of mechanical governor.

Diesel Generating Set, suitable to operate on 240V, Single Phase AC

1500 RPM Diesel Generating sets with Manual/AMF control panel shall comply to the specifications given in General Technical Requirements.

LIST OF ALL AMENDMENTS

For RC No. DGSET-3.5/ME-6/RC-B7060000/1116/06/03541/1228

NOTE: No Amendments issued till date 18-FEB-16