

Purchase Order

Page 1 of 1

27-11-2015 14:50:48

Original / Office Copy / Purchase Order Copy

From Company : **B and C Estates**
5-4-187/3&4 II floor, M G Road, Secunderabad 500003
T I N No. : 36104907156

OFFICE COPY**Supplier Details**

SHREE J & J ENGINEERS

Flat no:201, 2 nd floor, Sony apartments-III,Venkateswara colony,
Sainathpuram,ECIL,Secunderabad-500062.

040-40023001

9704018345

Doc No	33105	82167
Doc Date	27-11-2015	
Quote No	0012	
Quote Date	31-08-2015	
SupplyType	Supply And Installation	

Kind Attn : Mr. Biradar

Purchase Order for the Supply of following Items.

Item Name	Qty	Rate	Dis%	VAT%	Amount
1 5026 - Equipment - machinery - Generator - other - nos 125 KVA with AMF Panel	1.00	734000.00	0.00	0.00	734000.00
Total Order Value . . .					734000.00

Rupees : Seven Lakh(s) Thirty Four Thousand Only.

Terms and Conditions :-

- Specification / Brand** Above item of "Greaves Cotton" make, 4G11TAG24, 155BHP @1500 RPM @ NTP Conditions, Radiator cooled, single contator, Alternator of "Crompton Greaves" make.
- Payment Terms** 30% advance 60% on material ready with proforma invoice & balance 10% on commissioning.
- Tax** Against 'C' form 2% included in the above prices.
- Delivery Date** Within 1 week from the date of PO
- Delivery Location** May Flower Grande
Sy.no.191, Mallapur Main Road, Hyderabad -500076
Phone. Contact no. :9502211011 - (Mr. V.Ravi-admin)
- Penalty For Delay** Nil
- Transportation Cost** Included in the above price.
- Warranty** 24months from date of commissioning & 12 months panel board & battery.
- Advance Paid** Rs.2,20,200 vide Cheq.No. 005447, dt.27/11/5 of HDFC Bank.
- Other Terms** We reserve the right to reject items not conforming to quality and specifications. The above order for A & B blocks purpose.
- Completion Date** within 5 days delivery of all materials at site
- Measurment** Nil
- Security** You shall be responsible for storing materials at site Lockable rooms will be provided by us.

For **B and C Estates**
Authorised Signatory

Name : _____

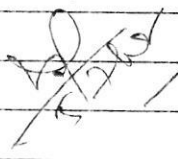
Accepted the above Terms And Conditions

For **SHREE J & J ENGINEERS**

Name : _____

Date : __/__/__

Request for payment

Division	Purchase		
Pay to	Solar Idea Private Limited		
Towards	AMC Charges of 125 KVA Generators		
Amount	10030/-	Payment / cheque date	09-06-2018
Payment from company	May Flower Grand Owners Association		
Project			
Type of payment	☒ Advance ☐ Part Payment ☐ Balance Payment ☐ Full Payment ☐ PDC ☐ Transfer ☐ Other:		
Payment mode	☒ Cheque ☐ Pay order ☐ RTGS/NEFT ☐ Cash ☐ Online payment ☐ Payment by Happay card ☐ Transfer to Happay card ☐ Transfer to petro card ☐ Other:		
Payment to be divided			☒ Yes ☐ No
PO/WO no.		Requisition no.	
Remarks/ Desc.	50% on AMC Value		
Requested by:	Approved by:	Sign	Date
			

Note: 1. Use this note for all requests for payment. 2. Do not use for weekly site payments. 3. Use for all transfers to Happay or petro card



QUOTATION

Solar Idea Private Limited

(An ISO 9001:2008 Certified Company)

GREAVES COTTON LIMITED Authorised Composite Dealer

GS2/ 2018070007

Date: 02-07-2018

To,
B & C ESTATES, May Flower Circle Owners Association
MR.V.RAVI,
Ph:9502211011,
Opp Noma Function Hall, Mallapur.
Email:bnc @modiproperties.com

Dear Sir,

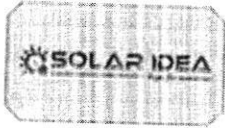
**Sub: ANNUAL MAINTENANCE CONTRACT FOR 1 NO. 125 KVA D.G. Sets
Model 4G11TAG24 . - Reg.**

With reference to the above we are glad to inform you that we are authorized dealers for Greaves Cotton Ltd. wherein we undertake Sales & Services of DG Sets from 5 KVA TO 500 KVA. We here under submitting our offer for 4G11TA22 ENGINE Annual Maintenance Contract for Greaves Cotton Ltd.

Sl. No.	DESCRIPTION	QUOTATION		Rate	Amount
		ENGINE MODEL	Qty		
1	125 KVA@ AMC CHARGES@AMF PANEL	4G11TAG24	1	18,000/-	18,000/-
				GST 18%	3,240/-
				Total Amount	21,240.00

1. Our service person will not carry the spares, required spares are to be arranged by the customer before the visit of our person
2. The customer shall bear the cost of machining jobs like welding Painting grinding, boring and all such out side work shop jobs including pump Calibration, starter motor and dynamo repairs along with necessary transportation charges.
3. During the contract period our person shall visit 12 times in a Year (Monthly one visit.)
4. Major / minor overhauling charges shall be paid by the customer at extra cost.

#8-2-277/A/7, Plot.no:126, Road No. 2,
Banjara Hills, Hyderabad - 500034, Telangana State, India.
Phone No. 040 - 49464332 Toll Free: 1 800 102 4332
Email id:info@solaridea.com



QUOTATION



PAYMENT:

1. 100% Contract amount should be paid in advance along with your confirmation letter by DD/ Cheque with due acceptance of the contract.
2. Payment of any spare parts which are supplied by us at the time of attending the engine and such payments should be immediately paid by DD/cash on receipt our bill.

Thanking you,
Yours faithfully,

For **SOLAR IDEA PRIVATE LIMITED,**

Mounika
040-49464332.

#8-2-277/A/7, Plot.no:126, Road No. 2,
Banjara Hills, Hyderabad - 500034, Telangana State, India.
Phone No. 040 - 49464332 Toll Free: 1 800 102 4332
Email id:info@solaridea.com



SHREE J & J ENGINEERS

Diesel Generators, Gas Generators, Dual Fuel Generators Transformers & Cables Sales.

Retail Invoice-Cum Challan

Original for Buyer

SHREE J & J ENGINEERS Plot.No.68/15/10, B R Complex, Behand Khadi Bhandar, Bidar, Karnataka-585401; E-Mail :sjje@shreejjengineers.com Ph:9573175944		Invoice No. SJJE/001/15-16/BKR		Invoice Date 01/02/2016	
Consignee : M/s. B & C Estates May Flower Grande Sy.no.191, Mallapur Main Road, Hyderabad, Telangana state-500076, India.C.No.9502211011		P.O. No: 33105		PO Date: 27/11/2015	
		LR/GR No. & Date		No./ Wt. of Packages:02	
		Carrier Name		Vehicle No.	
Buyer: M/s. B & C Estates Plot.No.5-4-187/3&4, IInd Floor, M.G.Road, Secundrabad, Telangana state-500003, India.		Road Permit No.		Freight.: Paid	
		Place Of Loading: Bidar, Karnataka		Destination: Mallapur, Hyderabad	
		Payment Terms: 30% As Advance, 60% Against Proforma invoice and Balance 10% Against Commissioning.			
SI No.	Description Of Goods	Quantity	Rate	Disc %	Amount
1	DG 125kVA Greaves 4G11TAG24 155BHP, 3Ph	01	669607.84		669607.84
2	Crompton Greaves Alt 125kVA 125kva AMF Panel Single contactor.	01	50000.00		50000.00
Total including ED					719607.84
CST @ 2% Against Form C			2%		14392.16
Freight Charges included					0.00
Grand Total		01			734000.00
Rounded Off					734000.00

E. & O.E

Amount Chargeable (In Words)

Indian Rupees Seven Lakh Thirty Four Thousand Zero Hundred Paise Zero Only

DISPATCH FROM:

Shree J & J Engineers
Bidar, Karnataka

Company's VAT TIN : 29711303350

Company's CST No : 29711303350

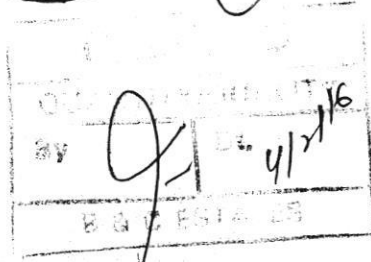
Buyers TIN No : 36104907156

Buyers CST No : 36104907156



For Site

*Any other taxes at actual to your Account.



Declaration:

We declare that this invoice shows the actual price of the goods
Described and that all particulars are true and correct.

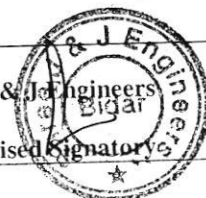
Please make payment by A/c payee Cheque payable at Par.

Interest @24% p.a. will be charged on the invoice value if not
Paid fully by the due date.

Goods once sold will not be taken back. Title on goods will
change after receipt of applicable sales tax form (if any) and full
Payment realisation.

For Shree J & J Engineers

Authorised Signatory



SUBJECT TO BIDAR JURISDICTION
This is a Computer Generated Invoice

Reg. office: Plot. No. 68/15/10, B R Complex, Behind Khadi Bhandar, Opp. Government Hospital, Bidar, Karnataka-585401
Ph: 09573175944; Email: sjje@shreejjengineers.com; www.shreejjengineers.com



Government of Karnataka
(Department of Commercial Taxes)



e-SUGAM FORM

See sub Section(2-A) of Section 53 read with Rule 157(1)(a)

SI.No: 17203590679

	Office of LVO of the Dealer Uploading	LVO-0540
I	(a) Name and address of the Dealer Uploading	SHREE J & J ENGINEERS
	(b) TIN	29711303350
	(c) Date of Uploading the details	03/02/2016 06:18 PM
	(d) Date of Transportation of Goods	03/02/2016
II	Place:	
	(i) From	BIDAR, KARNATAKA
	(ii) To	HYDERABAD, TELANGANA
	(iii) Transit Place (if any)	
III	Description of the goods:	
	(i) Name of goods consigned	MACHINERY AND PARTS - 125KVA DG SET AND AMF PANEL
	(ii) Quantity or weight	02
	(iii) Taxable Value	719608.00
	(iv) VAT/CST Collected	14392.00
	(iv) Other Amount if any	0.00
	(v) Total Amount	734000.00
IV	(i) Name and address of the owner of the goods vehicle or vehicle by which the goods are consigned	DD LOGISTICS
	(ii) Registration number of the goods vehicle or vessel	
	(iii) GC/LR No.	
	(iv) GC/LR Date	
	(v) Transporter Mobile No (if any).	
V	Category of Transaction	Inter State Sale in Transit
VI	Details of consignor and consignee as per Category:	
	(i) TIN of Consignor	29711303350
	(ii) Name and address of Consignor	SHREE J & J ENGINEERS
	(iii) TIN of Consignee	36104907156
	(iv) Name and address of Consignee	B C ESTATES, HYDERABAD
	(v) Document No.	001 - Invoice
	(vi) Document Date	03/02/2016

Date & Time of Printing: 03/02/2016 07:26 PM

Government of Telangana

C.T.DEPARTMENT

(Self Printed CST e-Way Bill)



FORM OF WAY BILL

{See Rules 33(1)(d) & 55(1)&(4)}

ORIGINAL - CST

DIVISION - BEGUMPET

FORM X or FORM 600

Way Bill No. : 361602036870307

CIRCLE : M.G.ROAD

1. Office of Issue : CTD-ON LINE SERVICE

2. Date of Issue : 03 Feb 2016 15:58:37

3. Name and address of the Dealer to whom Waybill issued by the CTD :

Name : B&C ESTATES

Address : 5 4 187/3 AND 4SECOND FLOOR,SOHAM MANSION,MG ROAD,SECUNDERABAD,TELANGANA,HYDERABAD,500003

TIN : 36104907156

STATE : TELANGANA

4. Place From which consigned : BIDAR, KARNATAKA

To which consigned : MALLAPUR, HYDERABA

5. IF THE CONSIGNOR IS TRANSPORTING THE GOODS : In pursuance of sale for purpose of delivery to the buyer

(a) In pursuance of sale for purpose of delivery to the buyer ; or

(b) After purchasing them; or

(c) From one of the shops or godown to an agent for sale;

(d) From shop or godown to another shop or godown for purpose of storage or sale; or

(e) To his principal, having purchased them on his behalf ; or

(f) To his agent for sale on consignment basis.

(Mark whichever is applicable)

Name and address of the Other Dealer/Person to whom the Goods are Consigned or from whom Goods were Purchased :

(Buyer or self or Agent or Principal)

Name : SHREE J & J ENGINEERS

Address : PLOT NO 68 15 10 R R COMPLEX BEHIND KHADI BHANDAR BIDAR KARNATAKA 585401

TIN : 29711303350

6. Description, Quantity and Value of the Goods

Commodity	Invoice No./Date	Quantity	Value (Rs.)
GENERATORS	SJJE/001/15-16/BKR / 01-02-2016	14.0000 NUMBER	7,34,000.00
TOTAL			7,34,000.00

7. Name of the Owner of the goods vehicle or vessel by which the goods are consigned :

Transporter Name : DD LOGISTICS

Vehicle/Vessel No. : AP10T7531

DECLARATION : We certify that to the best of my/our knowledge the particulars furnished here are true and correct.

15311

4/2/16



Signature of the Dealer to whom Waybill issued by the CTD

CST361602036870307

haribabu@modiproperties.com

From: "bnc" <bnc@modiproperties.com>
Date: 25 February 2016 17:50
To: <haribabu@modiproperties.com>
Cc: "Subbareddy BNC" <subbareddy@modiproperties.com>; "BNC Construction" <bnc@modiproperties.com>
Subject: 125 KVA Geneator installation work completed -reg

Dear Haribabu,

The Greaves cotton 125 KVA Generator installation work has been completed in all respect.

Hence pls do the further process at your end.

Regards,

S.V.Subba Reddy

26-02-2016

Date: 01.03.2016,

To,
Mr. Haribabu,
Asst Manager,
Purchase Division.

Dear Sir,

Please find the attachment of Cromton Graves Cotton DG set authorized person of Solar Idea Pvt Ltd, Mr. Rajeshwar Reddy has given a service report after installation of DG set.

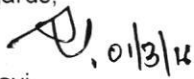
Now it is functioning properly

The same original hard copies we are forwarding to you for H.O correspondence.

Please acknowledge receipt of the same.

Thank you,

Regards,


V. Ravi,
Asst Admin Manager,
BNC Estates.

SOLAR IDEA PVT. LTD.

11A/7, Plot No. 126, Road No. 2, Banjara Hills, Hyderabad - 500 034.
India, Ph : 040-4946 4332/47/48/49, Fax : 040 4946 4333, email : info@solaridea.com



GREAVES COTTON LIMITED SERVICE REPORT

Authorised Composite Dealer

Name of Service Representative : A. Rameshwar Chary
Report No. 008

Region / Branch : HYD
Date : 13-02-2016

Name and address of Customer : B & C Eddy
Opp! Noma Junction Hall
Mallapur - 500076.

Engine Model : 4G11TAG2 Sr. No. : 13080415067
Rated RPM : 1500 Application : Generator

Name of Person Met : S.V. Subba Reddy & Ravi Equipment Make : Greaves Model : GPW15-12
Designation : Project Manager (Admin) Sr. No. 3308041506760 Rating : 12SKVA

Type of Service : Installation / Commissioning / Maintenance / Breakdown / Warranty / Paid / Courtesy

Customer's Complaint : Commissioning

Date of dispatch : - Date of commissioning : 13-02-2016 Hrs. Run : 1.50

Environment Condition : 1) Duty / Average / Clean / Chemical / Saline
2. Ambient Temp - Out side °C Near Air Filter °C
3. Air filter Maint : a) Frequency of Oil Change in Air Cleaner..... Hrs. Oil level : Level OK ✓
b) Frequency of Element Cleaning Hrs. Element Changing..... Hrs.

Lubricating Oil : a) Type / Brand of Oil Used
b) Last lube oil changed : Hrs. Oil Change followed... 560... Hrs.
c) Lube oil Filter condition - Clogged / OK ✓ Condition of Oil - Gummy/clean
d) Filter changeover followed by Customer 560... Hrs. Last Change..... Hrs.
e) Lube Pr on Load - Before attending..... 5.2... Kg./Cm² After attending..... 5.2... kg/Cm²
f) Lube Oil Consumption..... Its hrs. (as per Log book) Oil Top up for 8 Hrs..... Lts.

Fuel :- a) Condition of Diesel : Contaminated / Dirty / clean
b) Condition of Filter : Clogged / OK ✓ Filter Change Period Followed..... Hrs.
c) Fuel Consumption Ltr. / Hr. Last change of Filter Hrs.
d) Smoke Level :- Blue / Black / Clear Sound Level :- Normal / Abnormal

Coolant :- a) Fresh Water - Treated / Not Treated
b) Raw Water - Treated / Not Treated
c) Radiator Condition : Clean / Chocked
ph Value -
ph Value -
Belt Tension / Condition - OK / Not OK

Load Details : a) Total Connected Load Kw
b) Average Running Hrs Day
Large Motor / Load HP/KW
Average Load On D.G. Set L Kw
Type of Load - Linear / Non Linear

Failure Analysis : Before Commissioning

Work Done : OGSut All equipment testing
OGSut Cabling and Earthing
works complete and all
things running and diesel filling and
OGSut start and load testing ok

Performance Date :-
Lube Oil Pr : 5.5 Kg. / Cm²
Lube Oil Temp : - °C
Fresh Water Temp : 65 °C
RPM / HZ : 1500 / 50HZ
Volts : 240 - 240, 240
Current :
Kw. P.F. lag / load

Action to be taken by Customer : Refund

CERTIFIED BY
Signature of Service Representative

Customer's Remarks :-

This is to certify that Mr. A. Rameshwar Chary attended to above machine from
13-2-2016 to - and completed the job to our satisfaction

Note : For more details, use additional sheets if required.

Customer Copy - White, H.D. Copy - Pink, Dealer Copy - Green

Customer's Signature and Seal
Designation : Asst. Manager
Site : Batna, Ramakrishna
960801666 / 7097506

Plot No. 126, Road No. 2, Banjara Hills, Hyderabad - 500 034.
 Ph : 040-4946 4332/47/48/49, Fax : 040 4946 4333, email : info@solaridea.com

NAME & ADDRESS : **B&C ESTATES**
OPP! NOMA FUNCTION HALL, MALLAPUR - 500096

CONTACT PERSON NAME : **V. RAVI / S.V. SUBBAREDDY**

DESIGNATION : **ADMIN MANAGER / PROJECT MANAGER**

TELEPHONE : **7674808 777** FAX :

CELL NO. : **9502211011** E-MAIL : **bnc@modiproperties.com**

SR MAINTENANCE OFFICER NAME : **V. RAVI**

DESIGNATION : **ADMIN MANAGER**

TELEPHONE : FAX : **Asst. Admin Manager**

CELL NO. : **9502211011** E-MAIL : **ravi@modiproperties.com**

SR PURCHASE OFFICER NAME : **HARI BABU**

DESIGNATION : **PURCHASE MANAGER**

TELEPHONE : FAX :

CELL NO. : **9502277533** E-MAIL : **haribabu@modiproperties.com**
purchase@modiproperties.com

Selection for customer - Industry Segment / related sector

Sr. No.	End Customer to tick appropriate Industry segment	Industry Segment	Sector
1.	Residential	Agriculture	Agro Sector
2.	Reality	Aquaculture	Aqua Sector
3.		Auto / auto component	Auto Sector
4.		Banking and Insurance	Financial Sector
5.		Chemical / Polymer	Manufacturing
6.		Consumer Electronic Appliances	Manufacturing
7.		Commercial realty	Realty Sector
8.		Cold Storage	Agro/ Aqua Sector
9.		Defence	Defence Sector
10.		Diversified	Diversified Sector
11.		Education	Education Sector
12.		Engineering	Manufacturing Sector
13.		FMCG (Fast moving consumer Good)	Retail Sector
14.		Health Care	Health Care Sector
15.		Hospitality	Hospitality Sector
16.		Infrastructure	Infrastructure Sector
17.		IT / ITES	Technology Sector
18.		Marine / Shipping	Marine Sector
19.		Mining / Quarrying	Mining Sector
20.		Process	Manufacturing Sector
21.		Print and Entertainment	Media Sector
22.		Pharmacy & Biotech	Pharmacy Sector
23.		Power and Energy	Power Sector
24.		Public and Utilities	Public Sector
25.		Residential reality ✓	Reality Sector
26.		Retail	Retail Sector
27.		Rentals and Mobile Genset	Mobile Power Sector
28.		Service	Service Sector
29.		Textile & Garments	Textile Sector
30.		Telecom	

Customer Copy - White, H.D. Copy - Pink, Dealer Copy - C

Inspection before starting of Genset

 (To be performed at the time of commissioning of Genset)

GREAVES COTTON LINE
Authorized Composite D

FOUNDATION : CONCRETE ✓			
LOCATION : GROUND / ROOF TOP / BASEMENT			
EXHAUST PIPE LENGTH	—	SIZE	—
COOLING ✓ RADIATOR / HEAT EXCHANGER	—	TYPE OF BENDS	—

External Checks : Please write in Remarks as NA if Not applicable	Check for			Remarks
Transit damages (If observed List the items)	Ok ✓	Not Ok	Corrected	
Foundation Level	Ok ✓	Not Ok	Corrected	
Weight Distribution of DG on Beams and Columns - Applicable for roof top Installation	Ok	Not Ok	Corrected	NA
Adequate Ventilation & Free flow of air on Inlet / Outlet / Cross Ventilation	Ok ✓	Not Ok	Corrected	
Recirculation of Hot air & Exhaust Gasses around the DG	Ok ✓	Not Ok	Corrected	
Adequate working space and confirm DG Control Panel doors can be fully opened for easy maintenance	Ok ✓	Not Ok	Corrected	
DG Checks	Check for			Remarks
Canopy doors & Locks	Ok ✓	Not Ok	Corrected	
Tightness of AVM Bolts	Ok ✓	Not Ok	Corrected	
Tightness of Engine & Alternator assembly on AVM	Ok ✓	Not Ok	Corrected	
Radiator Mounting bolts secured on AVM	Ok ✓	Not Ok	Corrected	
Installation of Exhaust Pipe from Muffler and Bend	Ok ✓	Not Ok	Corrected	
Proper Earthing of engine, alternator, Control Panel, Battery to Earthing strip and DG body and to Earth pits	Ok ✓	Not Ok	Corrected	
Tightness of Rubber hose between fuel tank and fuel filling neck	Ok ✓	Not Ok	Corrected	
Installation of Glands / Grommet on cables from Alternator to load	Ok ✓	Not Ok	Corrected	
Crankshaft End Float (limits 0.12 to 0.26 mm)	Reading			
Check for Free Rotation of the rotating parts	Ok ✓	Not Ok	Corrected	
Check and remove all protective caps	Ok ✓	Not Ok	Corrected	
Air Inlet & Exhaust System	Check for			Remarks
Tightness of Air cleaner mounting bolts	Ok ✓	Not Ok	Corrected	
Breather vent out let is taken out of canopy /away from radiator, air cleaner	Ok ✓	Not Ok	Corrected	
Securing of Air filter assembly in position	Ok ✓	Not Ok	Corrected	
Air filter Element sealing	Ok ✓	Not Ok	Corrected	
Air filter cover position / Direction of arrow to be upwards ✓	Ok ✓	Not Ok	Corrected	
Rubber hose Clamp tightness and Cracks	Ok ✓	Not Ok	Corrected	
Exhaust bellow free from cracks and its sealing	Ok ✓	Not Ok	Corrected	
Proper sealing of gaskets in Exhaust system flanges / Joints / Welded portions	Ok ✓	Not Ok	Corrected	

Inlet & Exhaust System		Check for			Remarks
Installation of Rain protection exhaust bend	Ok ✓	Not Ok	Corrected		
Heavy duty air cleaner for high dusty condition	Not Required	Required but not fitted	Required and fitted		
Exhaust piping alignment and proper support	Ok ✓	Not Ok	Corrected		
Standard exhaust piping diameter and no of bends	Ok ✓	Not Ok	Corrected		
Lubrication System		Check for			Remarks
Engine oil sump filled to correct level and recommended grade of oil	Ok ✓	Not Ok	Corrected		
Oil leakage	Ok ✓	Not Ok	Corrected		
Drain pipes, connections are fittings are properly lightened and secured Drain tightness	Ok ✓	Not Ok	Corrected		
Cooling System		Check for			Remarks
Copper Radiator- Coolant Additive is mixed with water and filled to correct level	Ok	Not Ok	Corrected		Allen new Radiator
Aluminum Radiator - Premix coolant is filled to the correct level	Ok ✓	Not Ok	Corrected		
Radiator overflow pipe clear and routed properly - out side of canopy	Ok ✓	Not Ok	Corrected		
Radiator Coolant Level	Ok ✓	Not Ok	Corrected		
Proper sealing of radiator pressure cap and functioning	Ok ✓	Not Ok	Corrected		
Coolant leakages from hoses / Joints	Ok ✓	Not Ok	Corrected		
Cooling system hose tightness	Ok ✓	Not Ok	Corrected		
Radiator Fan tightness & clearance w.r.t. cowling	Ok ✓	Not Ok	Corrected		
Condition / alignment / Tension	Ok ✓	Not Ok	Corrected		
Fuel System		Check for			Remarks
Position of level sensor / switch	Ok ✓	Not Ok	Corrected		
Position of Breather	Ok ✓	Not Ok	Corrected		
Proper routing of fuel hoses	Ok ✓	Not Ok	Corrected		
Proper sealing of banjo washers on fuel hose connections	Ok ✓	Not Ok	Corrected		
Fuel pump filled with Lubricating oil and to correct level	Ok ✓	Not Ok	Corrected		
Proper tightness of fuel injection pump outlet connections	Ok ✓	Not Ok	Corrected		
Proper tightness of Injector inlet and overflow connections	Ok ✓	Not Ok	Corrected		
Removed from Fuel system	Ok ✓	Not Ok	Corrected		
Proper functioning of fuel gauge	OK				
Battery & Charging System		Check for			Remarks
Battery is charged to its full capacity (Sp. Gravity 1200)	Ok ✓	Not Ok	Corrected		
Level of Electrolyte in battery	Ok ✓	Not Ok	Corrected		
Proper tightness of battery wires	Ok ✓	Not Ok	Corrected		
Grease jelly applied on battery terminals	Ok ✓	Not Ok	Corrected		
Proper tightness of wire connections to Starter motor and starting relay switch	Ok ✓	Not Ok	Corrected		
Proper connection and tightness of Engine battery charging alternator wires	Ok ✓	Not Ok	Corrected		

Electrical and wiring	Check for			Remarks
ing harness routing and terminations as per drawing	Ok ✓	Not Ok	Corrected	
copy light connections (if applicable)	OK ✓	Not Ok	Corrected	
p solenoid and Stopping relay switch connections	Ok ✓	Not Ok	Corrected	
DP Sensor Cum switch connections	Ok ✓	Not Ok	Corrected	
h Water temperature sensor connections	Ok ✓	Not Ok	Corrected	
per tightness of DC negative wires and free from any damage to ensure	Ok ✓	Not Ok	Corrected	
per closing of DC circuit	Ok ✓	Not Ok	Corrected	
er Starting Checks and ensure	Check for			Remarks
gine Sound normal, Alternator sound	Ok ✓	Not Ok	Corrected	
Leakage of intake air through Joints / Gaskets	Ok ✓	Not Ok	Corrected	
ration	✓ Normal	Not normal	Corrected	
oke	✓ Normal	Not normal	Corrected	
rotating parts	✓ Ok	Not Ok	Corrected	
Leakage of Exhaust gases through joints and gaskets	✓ Ok	Not Ok	Corrected	
Lubricating oil leakages	Ok ✓	Not Ok	Corrected	
Coolant leakages	Ok ✓	Not Ok	Corrected	
Fuel Leakages	✓ Ok	Not Ok	Corrected	
arging of Battery through Engine charging alternator	✓ Ok	Not Ok	Corrected	
ictioning of all gauges / measuring instruments / indication lamps / Sensors	✓ Ok	Not Ok	Corrected	
per functioning of stop solenoid	✓ Ok	Not Ok	Corrected	
heck DC Voltage reading by checking Battery Voltage on DG Controller	✓ Ok	Not Ok	Corrected	
firm whether DG output is getting transferred to Load through indication	✓ Ok	Not Ok	Corrected	
p in DG / Controller	✓ Ok	Not Ok	Corrected	
per operation of battery charger if fitted	✓ Ok	Not Ok	Corrected	
S Functioning Check	✓ Ok	Not Ok	Corrected	
ulate functioning of safeties	✓ Ok	Not Ok	Corrected	
nting, Rusting of Engine, Alternator, Canopy	✓ Ok	Not Ok	Corrected	
copy Temp., Radiator level check, if provided	✓ Ok	Not Ok	Corrected	
rd Party customer control panel	✓ Ok	Not Ok	Corrected	

GENERATOR CHECKS

Insulation Resistance of Windings

Main Stator	✓	Main Rotor	✓	Secureness of harness of AVR	Ok	Not Ok	Corrected	
Exc. Stator	✓	Exc. Rotor	✓	Output cable tightness	Ok	Not Ok	Corrected	
Output cable ratings (sq. MM)	120sq	Output cable of runs	120sq	Stress on terminal	Ok	Not Ok	Corrected	

Meters in Panel

Ammeter	Y/N/NA	Voltmeter	Y/N/NA	PF meter	Y/N/NA	Hz meter	✓	KW meter	✓	
Connected run in	Solo/	Parallel	Type of Synchronization	Auto	Manual					
Inverse Power Relay	Y	N			Earth Fault Relay	Y	N			
MCB	Y	N	ACB	Y	N	Power Contactor	Y	N		

LOAD ANALYSIS (for gensets only)

Load Details	Actual Load				Starting		Remarks
	Single Phase		3 Phase		Current	KW	
	KW	Amps.	KW	Amps.			
Domestic load lighting fan air-conditioner etc							
Induction motors							
Furnace load							
Welding load							
Forge Hammer							
Thyrister / Rectifier							
Computer precision freq / Voltage Load							
Synchronous motors							
Miscellaneous							
Total							

- (i) Rating of highest capacity individual load
(ii) Recommendations on loading pattern, if any
(iii) Maximum connected load
(iv) Maximum load (actual)
(v) Maximum recommended load

GENERAL

A) Site Conditions :

- a) Ambient (average summer) temperature : _____
b) Attitude : _____
c) Humidity (average summer) : _____
d) Applicable duration : _____
e) Recommended loading : _____

B) Duty Cycle :

- a) Continuous
Standby - ☒
b) Whether excessive idling involved? : Yes/No

BEFORE STARTING THE ENGINE / GENSET

- a). Check and correct :
- 1) Belt tension
 - 2) Tightness of clamps
 - 3) Coolant level (also vent-air-from coolant)
 - 4) Oil level
 - 5) Loose wiring
 - 6) Fuel pump leakage
 - 7) Battery electrolyte
 - 8) Alternator insulation resistance
 - 9) Earthing connections & earth resistance } (for genesets only)
 - 10) Terminal connections
 - 11) Fuel system priming
 - 12) Tightening of foundation bolts / AVMs
(for gensets only)
- b) Alignment
Face ☒ Bore ☒
- c) Crankshaft endfloat



START ENGINE AND GRADUALLY RAISE TO HIGH IDLING SPEED

Run the engine for 5 minutes

Check and correct abnormalities if any,

Stop the engine After 15 minutes

Check and correct oil level

Check and correct coolant level



START THE ENGINE, RAISE GRADUALLY TO HIGH-IDLE SPEED, GRADUALLY LOAD THE ENGINE (for gensets only).

For guideline only, depending on type of load available)

Hours Load%	15 min. 30	1/2 hr. 50	1/2 hr. 80	1/2 hr. 100
Load : amps.	15			
W	5			
F	0.91			
Frequency / rpm	1500 / 50 Hz			
Lube oil pr.	5			
Lube oil temp.	67			
Water temp.	69			
Smoke level	OK			
Remarks				

FOR ALL APPLICATION

- 1) Low idle rpm : ☒ Low idle lube, pressure : ☒
- Water temp. : ☒ Lube temperature : ☒
- 2) High idle rpm : ☒ High idle lube pressure : ☒
- Water temp. : ☒ Lube temperature : ☒
- 3) Full-load rpm : ☒ Full-load lube temperature : ☒
- Water temp. : ☒ Full-load lube pressure : ☒
- 4) Ambient temp. : ☒ Temp. at air intake : ☒
- 5) Check proper functioning of safety devices, gauges, meters etc. ☒
- 6) Check & correct abnormalities, if any : ☒

Description	Records		
Engine / DG. Sr. No.	13080WISO 6760 -		
Engine Model	UG11TAG24		
Alternator / Equipment Make	CAL	Model	GIR280SD
Alternator / Equipment Sr. No.	02AG020B		
KVA rating	125	DG Phase	3
Application	DG		
Starter Make	Auto LEK	Sr. No.	STM-1129V

Sr. No.	Description	Records	
8	Turbo Sr. No.	1511800WS	
9	Battery Charger Alternator Make	PMP	Sr. No. 016E31
10	Lube Oil Grade	15W40	Lube Oil Brand GREAVES
11	Control Panel Type	AMP	
12	Controller Sr. No.	4679404	Controller Make DEEP
13	Battery Make	EXIDE	Battery Sr. No. AWES

Receipt of Literature

Literature / Warranty Cards	Yes / No	Remarks
Operation and Maintenance Manual	yes	
Free Service Coupons Book let	yes	
Maintenance Chart	yes	
Controller User Manual	yes	
Battery Warranty Cards	yes	
Engine test certificate	yes	
Spare Parts Catalogue (CD)	yes	
Control Panel Drawings	yes	
Alternator Manual	yes	

Customer has agreed to -

Contact dealer for A2 Check @ 900 Hrs or 6 Months from date from date of A1 Check whichever occurs earlier (Ref. O & M Manual)

Procure oil and filters at own cost from authorized source / dealer / distributor.

Follow operating and Maintenance Instructions / Guidelines. ✓

Procure recommended engine / genset spares from authorized GCL (APD) Distributor / dealer. ✓

Avail after sales service from authorised network of Greavens Auxiliary Power Division. ✓

Carry out Daily / Weekly check as per O & M Manual. ✓

Customer has been informed about the Greavens auxiliary Power Division for Product Support. ✓

Signature
A. R. CHARY

LAPD - Distributor representative

Name: A. R. Chary

CERTIFIED BY
Signature
Asst. Admin Manager
Customer's Representative

Name V. Ravi

Designation & Stamps

Admin Manager

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