



রিলিয়েন্স ইন্স্যুরেন্স লিমিটেড RELIANCE INSURANCE LIMITED

PABX : +880 2 8878836-44, FAX : +880 2 8878831-34, MOBILE: 01714-014895
E-mail : info@reliance.com.bd, Web : www.reliance.com.bd

Notification of Award

Ref: RIL/HO/MD'S/(RIL-Tower)/11/2018/7728

November 13, 2018

To
CROSS WORLD POWER LTD.
Plot # 1/B, Road 90,
Gulshan-2,
Dhaka-1212

Dear Sirs,

This is to notify you that your Tender dated *05 June, 2018* for execution of the Works for **"Supply, Installation, Testing and Commissioning of 2 X 800 KVA Prime Capacity three phase diesel generator set with auto transfer switch, auto synchronizing panel, auto load sharing panel and foreign canopy for 3-basement+14-storied RIL Office Tower Building for Reliance Insurance Ltd. on plot no.-11, block- CWS (C), South Avenue, Gulshan-1, Dhaka."** for the Contract Price of Tk. **3,01,60,437/- (Taka Three Crore One Lac Sixty Thousand Four Hundred Thirty Seven)** only in accordance with the Instructions to Tenderers, has been approved by the *Board of Directors of Reliance Insurance Limited*.

You are thus requested to take the following actions:

- i. Accept the Notification of Award (NoA) & inform the Procuring Entity in writing within seven (7) working days of its issuance pursuant to ITT Sub Clause 63.1.
- ii. Furnish a Performance Security in the form as specified in ITT Clause 64.1 and in the amount of **Tk.30,16,043.70/- (Taka Thirty Lac Sixteen Thousand Forty Three and Paisa Seventy)** only, within fourteen (14) days of acceptance of this Notification of Award but not later than **November 28, 2018** in accordance with ITT Clause 65.1
- iii. Sign the Contract within twenty-eight (28) days of issuance of this Notification of Award but not later than **December 11, 2018**. in accordance with ITT Sub Clause 67.2.

You will proceed with the execution of the mentioned works only upon completion of the above tasks. Please note that this Notification of Award shall constitute the formation of this Contract which shall become binding upon you.

Contd. to Page-2



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We attach the draft Contract Agreement and other document(s) for your perusal and signature.

Thanking you.

Yours faithfully,


(Md. Khaled Mamun)
Chief Executive Officer

Copy for Information and Necessary Action:

1. Adviser, RIL
2. EVP & In-charge (HR & Administration Division), RIL
3. Company Secretary, RIL
4. CFO, RIL
5. VP & PE and PEE, RIL
6. MD, Design Associates & MIMAR Consortium.
7. Concerned File

RELIANCE INSURANCE LTD.

Shanta Western Tower (Level-5),
186 Tejgaon Industrial Area,
Dhaka-1208.

SCHEDULE OF ITEMS & BILL OF QUANTITIES

FOR

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 2 X 800 KVA PRIME CAPACITY THREE PHASE DIESEL GENERATING SET WITH AUTO TRANSFER SWITCH, AUTO SYNCHRONIZING PANEL, AUTO LOAD SHARING PANEL AND CANOPY FOR 3-BASEMENT+14 STORIED RIL OFFICE TOWER BUILDING FOR RELIANCE INSURANCE LTD. ON PLOT NO.-11, BLOCK- CWS (C), SOUTH AVENUE, GULSHAN-1, DHAKA.

STAGE-II

MAY - 2018

ISSUED TO: M/S

CROSS WORLD POWER LTD

DA & MIMAR
CONSORTIUM



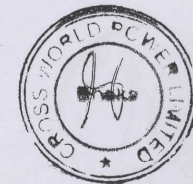
Seal, Signature of Issuing officer with
date.

Consultant:

Design Associates Limited & MIMAR Consortium

House # 21, Road No # 12, Dhanmondi, Dhaka, Phone: 9119249, 9114993

Fax:9124504, Email: dal.dhaka@gmail.com



RELIANCE INSURANCE LTD.

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186 Tejgaon Industrial Area,
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SCHEDULE OF ITEMS & BILL OF QUANTITIES

FOR

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 2 X 800 KVA PRIME CAPACITY THREE PHASE DIESEL GENERATING SET WITH AUTO TRANSFER SWITCH, AUTO SYNCHRONIZING PANEL, AUTO LOAD SHARING PANEL AND CANOPY FOR 3-BASEMENT+14 STORIED RIL OFFICE TOWER BUILDING FOR RELIANCE INSURANCE LTD. ON PLOT NO.-11, BLOCK- CWS (C), SOUTH AVENUE, GULSHAN-1, DHAKA.

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House # 21, Road No # 12, Dhanmondi, Dhaka, Phone: 9119249, 9114993
Fax: 9124504, Email: dal.dhaka@gmail.com



Schedule of Items and Bill of Quantities (BOQ) for Supply, Installation, Testing and Commissioning of 2 x 800 KVA Prime Capacity three phase diesel generating set with auto transfer switch, auto synchronizing panel, auto load sharing panel and canopy for 3-basement+14-storied RIL office tower building for Reliance Insurance Ltd. on plot no.-11, block- CWS (c), South Avenue, Gulshan-1, Dhaka.

N.B

- a) Manufacturers original authorization letter on original press printed letter head pad (Computer generated pad not acceptable) / original catalogue/Specification on original press printed letter head Pad is required for Pre-qualification.
- b) Country of origin/Manufacturers country / Assembled in: USA/UK/Japan/Germany
- c) Shipment from: USA/UK/Japan/Germany
- d) Engine brand: Perkins/Cummins
- e) Alternator Brand: Stamford/Mecc Alte
- f) All materials supply, installation, testing & commissioning as per BOQ & requirement of technical specification (Section - 7).
- g) Brand change strictly prohibited.

SL	Description of items	Qty.	Unit	Rate	Amount
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1. 2 x 800 KVA Prime Capacity three phase diesel generating set with auto transfer switch, auto synchronizing panel, auto load sharing panel and canopy (imported) :

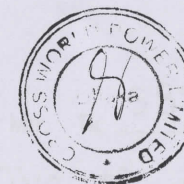
Supply of 400/230 V +/-5%, 50 Hz, 2 x 800 KVA (Prime power) water cooled, floor mounted indoor type electric generating set suitable for tropical application complete with four stroke 1500 RPM heavy duty (Continuous rating) diesel engine with all standard accessories viz. 12/24 volt DC battery and auto battery charger with ammeter, radiator assembly, oil and fuel pump, in built fuel tank, auto electronic speed governor, air cleaner filter, exhaust silencer (length as per site requirement), vibration isolator, mounting steel base frame, fuel and oil tank with Digital fuel level display indicator with low level alarm.

LCD Digital display (analog display - is not acceptable) indicators for oil pressure, RPM, Hz, hour meter, generator P-P, P-N voltage, current, total generator KW, KVA, KVAR loading, enclosure temperature, Protection for engine high temperature, low oil pressure, overload, over/under voltage and frequency, low fuel level, fail to start, low battery voltage, battery charger fail / low voltage along with visual and acoustic alarm with auto shutdown.

Alternator: Brushless, synchronous self-excited alternator with voltage regulation +/- 1% with 4% engine governing, class H insulation, protection IP 21, 23 or higher, with electronic AVR (+/- 1% regulation) 2 Nos. 1250 Amps TPMCCB with short circuit and overload protection and 1 no. digital 2500A TP motorized air circuit breaker



E. Hossain
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SL	Description of items	Qty.	Unit	Rate	Amount
	2500A TP+N Auto start/stop and changeover system auto paralleling, auto synchronizing & auto load sharing panel, master control panel with Microcontroller based control system with programmable delay for generator start/stop load changing during main failure Automatic Changeover Switch consisting of two nos. 04 pole suitable capacity Magnetic Contactor with Mechanical and Electrical interlocking. Auto start and auto changeover to load within 10 Second during normal power failure and auto stop & auto changeover to normal supply within 5 minutes after restoration of normal power supply, indicator for 3 phase on-off-trip etc. Sound attenuated Canopy: Built in high quality steel and sound attenuating material to reduce noise emission including hospital type silencer. The dB level of DG set shall not be more than 85 dBA at @ 01 meter from sound proof canopy. Clearing charges, port charges including all incidental charges, local carrying, transportation, handling, loading, unloading of materials insurance covering the equipment from Ctg. Port to site & till the installation work is started including custom duty & Taxes, VAT and other Govt. Taxes and marine insurance, L/C charges etc. All the above scope shall be manufactured and tested in USA/UK/Japan/Germany and shall be in accordance with NEMA/IEC/VDE/JIS standard. The major component like engine, alternator, ATS, canopy shall also be manufactured and tested in USA/UK/Japan/Germany & Accepted / approved by the Engineer. (Delivery at site with i. Bill of lading, ii. L.C. Document, iii. Country of origin certificate).				
2.	Installation, testing & commissioning of following electric generator on prepared R.C.C pad with the help of necessary T & P, skilled labour, technician, Engineer including 2 hrs. / 5 day trial run operation by skilled operator with supply and installation of necessary fuel & lubricant, Control Cable, Silencer pipe up to parapet wall (length & diameter as per site requirement), M.S. Angle made radiator window (With necessary ducting work), minimum 6" height R.C.C foundation base, isolating pad, cable socket, cable tie, PIB tape, 2 nos. oil drum for storage of oil etc. as per manufacturers instruction manual & all work complete as a package job basis. i) 2 x 800 KVA auto with sound-proof acoustically treated canopy with other related component.				
3.	Cable Work : Supply and installation of cable in cable drum of following sizes and type of Eastern/Paradise/BRB Cable in cable trench/duct including appropriate sizes earth cutting and filling of trench works and necessary number of pit making and RCC cover with lifting hook and making good all damages including termination of connections at both ends as per drawings, specifications and instruction of the Engineer-in-charge. The rate should be quoted inclusive of cable sockets, clamps, PIB tape, cable jointing box. line tape/connectors and all other necessary materials as stated above including testing and commissioning and other incidental expenses such as repairing cost thereof. i) Single Core 1c-500 mm² NYY with 240 mm² BYA ECC				

Signature
DA & MINOR
CONSORTIUM



1 Job Per Job Tk. 25,250,000 Tk. 25,250,000

Taka Two core Fifty Two
Lac Fifty Thousand only

1 Job Per Job Tk. 2,412,987 Tk. 2,412,987
Complete

Taka Twenty Four Lac
Twelve Thousand Nine
Hundred eighty seven only

300 Mtr. Per Mtr. Tk. 5391 Tk. 1,617,300

Taka Five Thousand Three
Hundred Ninety one only

SL	Description of items	Qty.	Unit	Rate	Amount
4.	Mass concrete (1:2:4) in foundation for various necessary works with cement, sand and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days etc. complete as required.				
5.	<u>Trenches:</u> Construction of cable trench of appropriate dimension of 5" thick brick wall and flat soling plaster with RCC cover along the cable route as per specification, drawing and instruction of the Engineer- in-charge. This item shall include making trench size 1'-6" width (minimum inside clearance), 1'-6" depth best quality 3" sand filling under the cable/pipe of the trench, cement/sand plaster (1:4), 9-1/2" x 4-1/2" x 2-3/4" size first class brick cable separator at 3'-0" interval c/c. and RCC cover with lifting hook and making good all damages including termination of connections at both ends as per drawing, specifications and instruction of the Engineer-in-charge.	5 Cum.	Per Cum.	Tk. 14,110	Tk. 70,550
6.	<u>Earthing Devices:</u>				
6.1	Earthing the electrical installation with 40 mm. (1.5") dia & 120' length G.I. pipe (Earth electrode) sunk up to depth of 120' 0" long below ground level to be used as main earth electrode having 6.35 mm. dia hole across the pipe at 305 mm. interval securely bonded by soldering with 2 nos. of No2 SWG HDDB earth leads with its protection by 20 mm. (3/4") dia G.I. pipe up-to plinth level run at a depth of 609.6 mm. (2 ft.) below G.L. up-to main board to be earthed including necessary connecting copper sockets, bolts, nuts, etc. complete for maintaining earth resistance within 1 ohm.				
6.2	Construction of Earthing inspection pit inside measurement 600 mm x 600 mm x 300 mm (inside clear) with 250 mm thick brick work in cement mortar (1:4) with 100mm thick RCC top slab (1:2:4) with 1% reinforcement 450 mm dia water sealed CI man-hole cover with locking arrangement including necessary earth works, site filling and one brick flat soling 75 mm thick (1:3:6) base concrete for making inlet channel & 12mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of .75 meter.	2 Sets	Per Set	Tk. 25,300	Tk. 50,600
6.3	Providing & drawing No-2 HDDB wire through 12.7 mm. (3/4") dia G.I. pipe including fitting, fixing the G.I. pipe in wall, floor, earth or column complete as required.	2 Sets	Per Set	Tk. 11,800	Tk. 23,600
		120 Mtr.	Per Mtr.	Tk. 105	Tk. 12,600

Taka fourteen thousand
one hundred ten only

Taka three thousand five
hundred ninety only

Taka twenty five thousand
three hundred only

Taka eleven thousand eight
hundred only

Taka one hundred five
only

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CONSORTIUM



SL	Description of items	Qty.	Unit	Rate	Amount
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7. Cable tray / Ladder

Fabrication, supply, fitting and fixing of power cable tray/ladder made of G.I. or hot dip galvanized sheet (min. 14 SWG Sheet) with necessary flat bar/angle to be fixed on wall/hanging from the bottom of the roof, cover, supports, hangers, clamps, bends, nuts, bolts, washer etc. complete as per site requirement and direction of the authority. The item includes painting and other support system etc. all accessories complete.

a) 450mm to 600mm width x 100mm wall height or as per site requirements

15 Rm. Per Rm. Tk. 3400 Tk. 51,000

Taka Three Thousand four Hundred only

8. PRESHIPMENT INSPECTION

Pre-shipment inspection will be arranged by the bidder. Before shipments, the equipment shall be inspected by the two inspectors as nominated by the authority and their certificate shall be obtained and submitted by the contractor to the Owner in time. All charges (Air fair, Boarding, lodging, incidental and daily expense of the inspectors as per Bangladesh Power Development Board standard) thereof to be borne by the contractor.

1 Job Per Job Tk. 600,000 Tk. 600,000

Taka six Lac only

Total = Tk. 30,160,437

TAKA IN WORD: Taka Three Core one Lac Sixty Thousand four Hundred Thirty seven only

Iftekhar Karim

Iftekhar Karim
Chief Operating Officer
CROSS WORLD POWER LTD



[Signature]
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	Gross weight Package number of total number of packages Brief description of the content Any special lifting instructions Any special handling instructions
GCC 21.1	The documents to be furnished by the Supplier as follows: - Copies of Supplier's invoice showing goods' description, quantity, unit price, total amount; - Delivery note, railway receipt, or truck receipt; - Manufacturer's/ Supplier's warranty certificate; - Inspection certificate issued by the nominated inspection agency (or Procuring Entity) and/ or the Supplier's factory inspection report; - Certificate of origin.
GCC 23.1	The original Contract price is: <i>[insert the amount in the NOA]</i>
GCC 25.1	The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Advance Payment: The Advance Payment shall be 20% (twenty percent) of the contract amount and, shall be paid to the Supplier not later than thirty (30) days of signing of the Contract. On Delivery and Acceptance: 60% (sixty percent) of the contract amount shall be paid pursuant to GCC Clause 21 and 22. Rest 20% (twenty percent) of total contract amount will be paid after the work is being finished successfully as per contract.
GCC 25.3	Payments shall be made in no case later than the days 28 (<i>Twenty-Eight</i>) after submission of an invoice or request for payment by the Supplier, and after the Procuring Entity has accepted it.
GCC 25.5	The rate of interest shall be the prevailing rate of interest for commercial borrowing established in the country. None
GCC 30.1	The inspections will be held before or after supplying by the authorised representatives.
GCC 31.3	The Warranty Period shall be: 12 (<i>Twelve</i>) months from the date of commissioning
GCC 31.7	The Supplier shall correct any defects covered by the warranty within 7 (<i>Seven</i>) days of being notified by the Procuring Entity of the occurrence of such defects.