

**KALPANA CHAWLA GOVERNMENT MEDICAL COLLEGE,
(KCGMC), KARNAL, HARYANA**

Dated: 06.11.2015

AMENDMENT NO. - II

Name of Project: Tender for “Electrical Works for construction of Teaching Block, Auditorium Block & Housing Block for Proposed Kalpana Chawla Govt. Medical College (KCGMC), Karnal, Haryana”.

Tender No.: HSCC/KCGMC/ELECTRICAL/2015; dated 15.10.2015

1. Reply to Pre Bid Queries raised by bidders during pre -bid meeting held on 30.10.2015 at HSCC, Head Office, Noida

Sl No.	Observations	Reply
1	In BOQ Sr. no. 1.02.1 & 1.02.2 Transformer of 1600 KVA Oil Type & dry type are off load as per BOQ but in technical specification page (Spec E-117 & E-125 R0) is mentioned on load transformer, kindly clarify.	Transformers will be ON load tap changer type including all accessories.
2	Kindly provide technical specification of DG Set for 200 KVA & 625 KVA separately, because technical specification has given for 1010 & 1500 KVA and tender doc.	As per IS/CPWD specifications.
3	In BOQ Sr. no. 3.01 kindly clarify as per BOQ DG set of 200 KVA is radiator water cooled but in technical specification mentioned heat exchanger.	As per BOQ.
4	In BOQ Sr. no. 3.02 DG set sound proof (silent type) of 625 KVA mentioned is water cooled heat exchanger type but cooling tower & cooling piping system are not mentioned in the BOQ, so kindly clarify is it radiator water cooled or heat exchanger DG set if required water cooled heat exchanger type, kindly provide detail BOQ for cooling piping system.	DG set will be water cooled radiator type.
5	In BOQ Sr. no. 3.01 for 200 DG set the exhaust piping height is not mentioned in this BOQ but Sr. no. 3.02 for 625 KVA DG set the exhaust piping height is mention 4 mtr above the building top therefore kindly provide height of building.	As per CPCB norms
6	Kindly clarify DG set installed in side of substation building or outside.	Outside the building.

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7	Alternator kirloskar make is not in Approved make list, kindly approve.	Kirlosker make alternator may be accepted.
8	Fuel tank for 200 KVA is inbuilt in the base of Canopy made with 2mm sheet.	As per BOQ.
9	We requested to you kindly provide technical specification for 1 x 40 KVA. Technical specification has given for 4 x 550 KVA parallel redundant.	Major specifications have been included in BOQ. Rest will be as per specifications.
10	In BOQ Sr. no. 6.05 Lugs is copper but LT Cables are Aluminium Armoured Conductor.	As per BOQ.
11	We requested you to amend the payment terms & condition as below: a) 80% of BOQ rate on receipt of equipment against receipt of complete material at site & test certificates instead of 70%. b) 10% of BOQ rate on erection and installation of equipment instead of 15%. c) 5% of after successful completion of all works including all testing, commissioning & taking over instead of 10%. d) 5% after taking over of all works.	As per tender condition.
12	Kindly clarify Mobilization advance & Escalation is applicable on this project.	As per tender condition.
13	In BOQ Sr. no. 5.02 lift is 16 passengers; kindly consider 15 passengers (1020) as per Otis manufacturer standard.	As per BOQ.
14	In BOQ Sr. no. 5.03 lift should be geared instead of gear less for 20 passengers as per Otis manufacturer standard.	As per BOQ.
15	Terms of Payment: - a) Mobilization Advance: 10% against BG b) Supply of material: 75% c) Erection: 10% d) Testing, Commissioning & Handing over: 5% e) Retention: 5% should be released against BG of handing over. f) Liquidity Damage: 0.5% per week subject to maximum of 5%.	As per Tender conditions.
16	Tec Specs CL-4.2 (iv), Pg – E 25 R0-This clause mentions the standard clearances, however as per manufacturing standards the clearances shall be- a. Between phase – 25mm b. Between phase & neutral – 25mm c. Between phase & earth- 19mm d. Between neutral & earth- 19mm	Clearance in main bus bar will be as per Specifications. However down comers will be as per IS.

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17	BOQ – Main LT Panel - Please confirm if the Multi function meters in the incomers shall be with communication port or without communication port as this is not mentioned in the tender.	As per BOQ.
18	BOQ -Please confirm if required busbar shall be with 100% neutral or 50 % neutral as this is not mentioned in the tender.	As per BOQ.
19	Tec Specs CL-5.02, Pg – E 32 R0-Under this clause, the setting of release of MCCBs is mentioned as 0.4 In – 1.0 In which comes with single make. We request you to kindly allow settings of 70 Amp – 100 Amp enabling us to consider other approved makes from the make list.	As per manufacturer standard practice.
20	BOQ- Capacitor Panel- Pg- E 11 R1-Technically Three Pole busbar is required for the Capacitor panel but as per Bill of Quantity FP has been required. Please confirm whether it should be three pole or four poles.	TP bus bar can be accepted.
21	BOQ – Capacitor Panel/ Tech Specs CL-16.05 0i0, Pg – E 108- As per the tender BOQ, capacitor shall be MDX type or super heavy duty type. However as per the technical specifications it is mentioned as super heavy duty. Please clarify what type of capacitor is to be considered.	As per BOQ.
22	BOQ - HT Cables - Please confirm whether the HT cables shall be Earthed or Unearthed type.	Earthed.
23	GCC, Cl -1, Pg (15/122)/ NIT, Cl- IV, Pg- 28- Validity of PBG is mentioned as 3 months beyond DLP in NIT & as 6 months beyond DLP in GCC. Kindly clarify which clause we have to follow.	Validity of PBG shall be 3 months beyond DLP.
24	GCC, Cl- 2, Pg- (17/122)- This Clause states that Liquidity damages shall be 1.5% of tendered value per month of delay to be computed on per day basis upto max of 10% of tender value. However as per the market practices we request you to kindly amend this clause to “0.5% of tendered value per month of delay to be computed on per day basis upto max of 10% of tender value”.	As per tender condition.
25	Submission date - As per tender the submission date is mentioned as 17 th Nov 2015. However in lieu of the deepawali holidays that falls in between we request you to kindly extend the submission date by atleast 10 days. This will give us sufficient time to prepare technically/ commercially besy suited bid.	As per tender condition.
26	In GCC-clause-2, Compensation for Delay, We request you to kindly accept LD as 0.5% per week subject to Maximum of 5% of contract value	As per tender condition.

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27	In GCC-2 clause-2,Payment terms. A) Mobilization advance- 10% against equal amount of Bank Guarantee. B) Against supply of material -75% of BOQ rate on prorata basis . C) Against erection of material -10% of BOQ rate on prorata basis . D) Testing , commissioning and Handing over -5% on testing ,commissioning and handing over	As per tender condition.
28	In GCC-Clause -10B(ii), Mobilization Advance, We request to kindly release the same against equal amount of Bank Gurarantee.	As per tender condition.
29	In GCC- Clause -10B (iv), Mobilization Advance, We request you to release interest free Mobilization advance.	As per tender condition.
30	In SCC –Clause 24 (Page 67) , Payment term for Capital equipments, We presume that HT panel, LT Panel , UPS , Transformer , Cables, cable tray , DG sets,Lifts, Bus Duct is part of capital equipments,	As per tender condition.
31	In SCC-clause 24 D (Page 67), Payment term for Capital equipments, We presume that same is said when electrical contractor finish its work irrespective of other contractor.	As per tender condition.
32	In SCC- Clause 31E, Retention, We request you to kindly release the same same against submission of BG at the time of handing over.	As per tender condition.
33	In Extension, We request you to kindly extend the bid submission till November /24-2015.	As per tender condition.
34	In Notice inviting e-Tender (EMD), as per Tender condition earnest money Deposited in the form of bank guaranty/DD, Please allow exemption from payment of earnest money Deposited (EMD) as per NSIC Registration as per as notified by the government of india, ministry of micro small & medium Enterprises , New Delhi Vide gazette notification dated- 23.03.2.12	As per tender condition.

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35	In Section IV Evaluation Process , 4.2 Stage 1 – Technical Evaluation Pt. C & D pg. No. 33, Please accept the submission of the completion certificates & Work Order instead of performance Report , as departments generally don't issue performance reports once completion certificate is issued by them.	As per tender condition.
36	In Volume-IV, Technical Specification- 3.20.12.1 factory tests Pt. C, please accept the submission of the Type Test Report for Voltage Transformer, Circuit Breaker after award of LOA.	As per tender condition.
37	In Volume-IV- 4.2 Direct Digital Controllers- Please accept the submission of the Central	As per tender condition.
38	In Volume-IV Technical Specifications, 2.16 General arrangements/Layout Diagram, please accept the submission for passenger/escalators of the GA/Layout Diagram after award of LOA.	As per tender condition.
39	In Volume-IV Technical Specifications, The summarized critical safety features are detailed as under:- please consider escalator compliance after award of LOA.	As per tender condition.
40	In Volume-I, NIT & ITB 1, Form "T-1" Financial Information, please accept the General Solvency Certificate of required value issued by the bank.	As per tender condition.
41	In Volume-I, Specialized agency Clause No.1.26 pg no. 16, please accept the association of specialized agency after award of LOA.	As per tender condition.
42	In Volume-IV Technical Specifications, Drawings and O&M manuals, Clause No. 18.25.2 Pg No. 130, please accept the submission of drawings and O&M manuals after award of LOA.	As per tender condition.
43	Against Vol-I, NIT & PQ- Pg-22 of 63- Point (i)- it says that Financial package should be inclusive of service tax however, against Vol-II-GCC-Clause-37- Taxes payable by contractor- Service Tax is excluded. Since here is ambiguity in both the clauses, kindly clarify whether we need to consider service tax or not.	Service Tax: - Rates/ Price to be quoted without service tax. Service tax as applicable, shall be reimbursed separately on submission of proof of deposition”

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44	Scope of Work - Our scope is supply & installation of DG set, Exhaust piping, Fuel piping, DG Control panel etc as per attached BOQ, Any kind of Civil Work, Cabling, Earthing, approval shall be in purchaser scope.	As per tender conditions.
45	<p>Technical Specification of Diesel Generator Sets. Performance Requirement - Single Step Loading As per manufacture standard Maximum One Step Loading (Block loading) shall be limited to 50-55% of rated load in a single step. Vibration Limit As per manufacture standard Vibration limit shall be 250 micron.</p>	As per manufacturer standard practice/ CPWD/IS
46	<p>Diesel Engine Construction - Starting Battery As per manufacture design Battery for 200 KVA & 625 KVA DG Set shall be 12V, 100 AH (02 Nos). Lube oil Priming pump As per manufacture standard for Cummins engine there is no requirement of AC driven lube oil priming pump same is not considered</p>	As per manufacturer standard practice/ CPWD/IS
47	<p>Heat Exchanger - As per your BOQ 200 KVA DG Set mention as water Cooled DG Set. As per Manufacture standard 200KVA DG set shall be radiator Cooled. In DG BOQ no line item is given for 625 KVA Cooling Tower as 625 KVA DG Set mention as Heat Exchanger.</p>	Water cooled radiator type.
48	<p>Alternator – Instrumentation As per manufacture standard oil temperature is measure directly through high Jacket water temperature.</p>	As per manufacturer standard practice/ CPWD/IS
49	Guaranteed Technical Particular for DG set- 2.2 (Minimum Efficiency) - As per manufacturer standard Efficiency of Alternator shall be	As per manufacturer standard practice/ CPWD/IS
50	Guaranteed Technical Particular for DG set- 5.5 (Protection CT) - As per manufacture standard due to space constraints of acoustic enclosure we cannot provided Differential protection in both DG Sets.	Differential protection stands deleted.
51	Guaranteed Technical Particular for DG set- Synchronizing System - As per manufacture standard our offered DG Controller PCC 3.3 having inbuilt feature of Auto sync, auto load sharing auto start/ stop. We have not considered PLC based synchronizing however mini PLC have used for auto load management purpose only. (Only applicable for 625 KVA DG Set).	For auto load sharing PLC based synchronization required as per BOQ.

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52	List of Approved make for electrical System- Battery (Maintenance Free VRLA Type)- In order to have single window warrantee we have considered Cummins & Genpower Make Battery in our offer	Cummins make batteries may be accepted with Cummins DG set.
53	BOQ DG Set & Accessories- 200 KVA & 625 KVA DG Set - As per your BOQ no quantity is given for Exhaust pipe so please provide us the layout drawing or building height enable us to quote Exhaust pipe.	Height of chimney will be as per CPCB norms.

1. In Volume- I (NIT & PQ), definition of similar works, **shall be read as:** -

***"Similar Works"** shall mean Electrical works including Supply, installation testing, commissioning of HT substation equipment with one transformer of individual capacity not less than 1250 KVA and DG Set of individual capacity not less than 500 KVA."

3. Service Tax: -

"Rates/ Price to be quoted without service tax. Service tax as applicable, shall be reimbursed separately on submission of proof of deposition"

Please note that this Amendment no. – I, shall form part of the tender and all others terms & conditions of the tender shall remain unchanged.

Prospective bidders are advised to regularly scan through HSCC e-tender portal <http://www.tenderwizard.com/HSCC> as corrigendum/amendments etc., if any, will be notified on this portal only and separate advertisement will not be made for this.

(-sd-)

**Chief General Manager,
HSCC (I) Ltd.
For & on Behalf of DGMER, Panchkula**