



# Bharat Heavy Electricals Limited

(A Govt. Of India Undertaking)

Power Sector, Eastern Region

BHEL BHAWAN, PLOT NO. DJ-9/1, SECOTR II,

SALT LAKE CITY, KOLKATA, WEST BENGAL, INDIA

Phone : 033-23216130-31, 033-23216130 FAX : 033-23211960

Sub	TENDER CHANGE NOTICE (TCN-01 DTD. 12/06/14)
Job	“Providing of 4 MBPS leased link along with 4 MBPS (1:1) premium quality dedicated internet bandwidth and e-mail gateway at BHEL:PSER’s Kolkata office on rental basis”
Ref	TENDER NO.: PSER:PUR:MSX:192(IV):018 Dtd.21/05/14

A) With reference to above, following clarifications, relevant to tender, may please be noted and complied with while submitting the offer:-

Sl. no.	Description/ Clause as per NIT	Bidder’s Queries	BHEL’s Clarifications
1	Part-C, Technical specification and special condition of contract (SCC), Annexure-I, point no.2. \\The vendor shall have to connect BHEL PSER’s office premises (address as mentioned above) to his data center / Internet gateway for 4 Mbps(1:1) Internet connectivity (TG / MCI) For this vendor shall have to do backbone connectivity with 4 MBPS Fiber / Cu / license band RF last mile link as mentioned above. Dual Last Mile required for redundancy. Total supply & installation of the same is under the scope of vendor\\”	Request confirmation from BHEL on WAN port (Fast Ethernet) availability at their core/ GW router	TCP interface at the DMZ switch. Router is with vendor scope.
2	Part-C, Technical specification and special condition of contract (SCC), Annexure-I, point no.3. \\The vendor shall have to provide Mail gateway with alternate mail relay host / gateway at least 3 for existing domain\\	Request BHEL to share more clarity on this point	BHEL having own mail server. Sometime BHEL needs for relay server of ISP where all outbound mail used to push
3	Part-C, Technical specification and special condition of contract (SCC), Annexure-I, point no.4.  \\Domain renew, re-registration etc. have to be done by the vendor with in this scope with the contract period and protection of domain also to be ensured by the vendor\\	Request BHEL to share more clarity on this point. TTL will create the PTR entry	BHEL have a registered domain MX-recorded with existing ISP. Doman having some validity 1 year / 2 years etc. After expiry of registration, it may required to re-validate the registration to continue the service (domain)  Protection of domain from spamming etc. is under vendor scope. Domain and IP -Sets should be white listed. Down due to black listing shall be accounted in downtime calculation.
4	Part-C, Technical specification and special condition of contract (SCC), Annexure-I, point no.6. \\Vendor has to keep all existing VPN & Router configuration intact as per present configuration. All sorts of router configuration along with configuration support time to time as required by BHEL along with infrastructure up-gradation / Change, to be provided by vendor or as guided by concerned authority of BHEL as a part of the contract\\	Request BHEL to share more clarity on this point	BHEL may use VPN tunnel, MPLS tunnel or other location private IP, where the internet access is required to be allowed, necessary configuration (router) supports is under vendor scope.  The contract is for 3 years and BHEL may needs some up gradation of infrastructure - Necessary change management support is under vendor scope.
5	Part-C, Technical specification and special condition of contract (SCC), Annexure-I, point no.9. \\Spam control mechanism like what so ever mail reported as Spam to be filtered by vendor at their gateway level\\	Request BHEL to share more clarity on this point	This tender clause is With drawn
6	Part-C, Technical specification and special condition of contract (SCC), Annexure-I, point no.10. \\Internet should have gateway level Spam, Spy, Hack protection mechanism like facility enable through some latest technology (Firewall/UTM)\\	Request BHEL to share more clarity on this point	This tender clause is With drawn

Sl. no.	Description/ Clause as per NIT	Bidder's Queries	BHEL's Clarifications
7	Part-C, Technical specification and special condition of contract (SCC), Annexure-I, point no.16 \\BHEL may ask to integrate ISDN line as backup of said lease line (from BHEL gateway to ISP gateway). BHEL will provide ISDN link only. Necessary ports etc. shall arranged by vendor\\	Request BHEL to share more clarity on this point	This tender clause is With drawn
8	Part-C, Technical specification and special condition of contract (SCC), Terms and conditions, point no.23 \\In case of RF link from ISP to BHEL office link should be secure, License band (WPC) RF and should satisfy all BHEL specification and condition and required Mast, WPC, other accessories if any will be inclusive\\	Only data services can serve through Un-License Band Radio. Request BHEL to re-look on this point	BHEL requires data service only. If RF provided as "redundant last mile" then necessary accessories like mast etc. under vendor scope. If the RF is license band, necessary license or WPC etc. is under vendor scope.
9	Part-C, Technical specification and special condition of contract (SCC), Terms and conditions, point no.25 \\Core expertise of the ISP should be DATA. Internet traffic can not be sent with same VOICE backbone, in case bidder is BSO, Proper documentary proof for the same should be submitted\\	Request BHEL to share more clarity on this point	BHEL requires ISP who are mainly dealing with data. If ISP is Voice service provider then data link and voice link should be separate.

**B) Following clauses of the aforesaid tender is to be read & noted for compliance as stated below while submitting the offer:-**

Sl. no.	Description/ Clause as per NIT	As it exists	As it shall be
1	Part-C, Technical specification and special condition of contract (SCC), Terms and conditions, point no.16	\\Should be authorized service provider, and should have their own/leased fiber backbone, ISP should be capable of handling VOIP, Video Conference, Sock , Email transferred like protocol. Including good domain resolution server. (2 /3 alternate DNS). And own international gateway\\	Bidder Should be authorized service provider, should have their own/leased fiber backbone and shall be fully IPV4 / IPV6 protocol compliant.  Vendor should provide good domain resolution server (2 /3 alternate DNS) and should have its own multiple International gateways.
2	Part-C, Technical specification and special condition of contract (SCC), Annexure-I, point no.5	\\The vendor shall have to provide minimum 15 no of Public IPs of same network (continuous series) which is white listed. Same shall be checked by Websites--: <a href="http://mxtoolbox.com">http://mxtoolbox.com</a> & <a href="http://openrbl.org">http://openrbl.org</a> etc.\\	The vendor shall provide minimum 15 no of Public IPs (IPV 4) of same network (continuous series) which is white listed. Vendor has to provide IPV4 */28 network for any issue may provide two no of */29 IPV4 network. integration is under vendor scope Vendor has to provide a network segment for IPV6 version.

- C) Due date of submission of offer against the subject tender is extended up 17/06/14 (15:00 Hrs.). Techno-commercial bid shall be opened on same day (16:00 Hrs.).
- D) **Bidders are requested to acknowledge tcn-01 as a token of acceptance in their techno-commercial offer.**
- E) 'No deviation certificate' is attached. Bidder to submit their offer along with stamped & signed copy of this TCN & 'No deviation certificate' as per attached format only.
- F) All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,  
for BHARAT HEAVY ELECTRICALS LTD.  
DY. MANAGER (PURCHASE)

(Signature, date & seal of authorized representative of the contractor)

**PART – F**

**NO DEVIATION CERTIFICATE**

Certified that we have gone through each and every terms and conditions mentioned in the enquiry (Terms and conditions) and offer our unqualified acceptance of the same.

It is also confirmed that the price has been quoted in the format received with the enquiry.

Any deviation found subsequently at any time during execution of order shall be treated null and void.

(Signature of bidder)  
with Seal