



सत्यमेव जयते

Government of India
Bhabha Atomic Research Centre
Accelerator and Pulse Power Division
Mumbai – 400 085, INDIA

Ref. No.: BARC/APPD/RBC/2017/.376

EBC, Kharghar
Date: 25/10/17

Subject: Inviting quotations for “**Fabrication, Supply and Installation of M.S Cable tray and cable laying**” as per technical specifications sheet attached in Annexure – I and drawing -1,2 and 3 attached.

Dear Sir,

On behalf of the President of India, you are invited to quote of “**Fabrication, Supply and Installation of M.S Cable tray and cable laying**” as per technical specifications sheet attached in Annexure – I and drawing -1, 2 and 3 attached. Terms & conditions are given below.

S. No.	Description of the Job	Quantity
1.	“ Fabrication, Supply and Installation of M.S Cable tray and cable laying ” as per technical specifications sheet attached in Annexure – I and drawing -1, 2 and 3 attached.	01 No

Terms and Conditions:

1. The supplier should quote separately for fabrication of each of the items, on pro-rata basis, including cost of raw materials.
2. The material will be inspected before the start of the fabrication.
3. The quotations should have the minimum validity period of two months.
4. GST as per government norms is applicable.
5. Supplier should submit their offers in their letterhead, placed in sealed envelop super scribed with the above mentioned Reference No., due date and Title “**Fabrication, Supply and Installation of M.S Cable tray and cable laying**” as per technical specifications sheet attached in Annexure – I and drawing -1, 2 and 3 attached, addressed to Project Manager, Electron Beam Centre, Rain Tree Marg, Sector- 7, CBD Belapur, Near Bharatiya Vidyapeeth Engg College (Kharghar), Navi Mumbai-400614, **on or before 16-11-2017**. The quotation should contain the following details like (i) Period of validity, (ii) terms and conditions of offer, (iii) Approximate period of completion of job, (iv) Copies of registration and income tax clearance certificates, (v) PAN, GST registration no and Company’s seal with proprietor signature. The quotation containing above information should reached to us before due date by **SPEED POST ONLY**, no courier and other mode of delivery will be accepted.

6. The fabrication of the item shall be subjected to inspection by our Scientists / Engineers at the supplier's works. Necessary inspection facilities should be provided to them during fabrication at the supplier's premises. The purchaser has the right to make the minor modifications in the design and drawings. Additional charges will not be admissible for such minor modifications, if any. The item should be delivered to us at EBC Kharghar, Rain tree Marg, Sector 7, CBD Belapur, Navi Mumbai, after approval by our Scientists / Engineers.
7. Please note that shorter delivery period will be preferred. For any clarifications you may contact, Shri R.B.Chavan (e-mail: rbchavan@barc.gov.in) APPD, BARC on Tel No. 27524569 OR Shri Hemant Sarukte APPD, BARC on Tel No. 27524576.
8. Payment will be made only after delivery and installation of the item to the above-mentioned address and approval by our Scientists / Engineers as per BARC rules.

Forwarded by

Kavita P. Dixit
24/10/17

(Smt Kavita P. Dixit)

Head, RL&PSS, APPD, BTDG, BARC

Approved by

R.K. Rajawat
24/10/17

R.K. Rajawat

Associate Director, BTDG BARC

आर. के. राजावत / R.K. Rajawat
सह निदेशक / Associate Director
किरणपुंज प्रौद्योगिकी विकास ग्रुप / भारत सरकार
Beam Technology Development Group, Government of India
भा.प.अ. केंद्र, ट्रांबे, मुंबई-65. / B.A.R.C., Trombay, Mumbai-65.

Copy to: Accounts Officer,
GSS Section,
Central Complex, BARC.

Annexure – I

Job 1:

Installation of cable trays, routing of cables and trimming of wires in Room No-122 Power supply room, Linac Cell area first floor and control room of the 10MeV RF accelerator. The layout details are given in drawing I, II and III. The existing cables have to be tagged, removed and installed inside the trays under our supervision. Brackets should be provided inside the cable tray at regular intervals of ~ 1 meter to hold the cable properly.

Fabrication, Supply, and Installation of M.S Cable tray as per the specification given below:

Specifications for the M.S Cable Tray to be installed on the floor:

1. Thickness : 14 SWG
2. Cable tray with cover of 14 SWG gauge
3. Powder coated with 7/8 tank process

Quantity:

Sr. No	Description	Length (in feet)
1	1.5 foot Width X 2 inch Height	70
2	1 foot Width X 2 inch Height	150

Specifications for the M.S cable tray to be installed on the wall:

1. Thickness : 18 SWG
2. Cable tray without cover but with collar to mount this tray on the wall
3. Powder coated with 7/8 tank process

Quantity:

Sr. No	Description	Length (in feet)
1	1 foot Width X 2 inch Height	100
2	6 inch Width X 2 inch Height	25
3	1 foot Width X 9 inch Height	20

Job 2:

Fabrication, Supply, and Installation of overhead perforated Metal Cable tray of 300mm X 50mm (Total length of 30m) including 90 degree Bend. There are total 7 Bends in the total length. Metal Cable tray must have cover. The support has to be taken from the ceiling or Side wall for mounting the cable tray. The distance between the two supports should not be more than 1 mtrs. Proper joint must be provided at the junction of the trays.

Specifications for the Over head perforated metal cable tray:

1. Thickness : 18 SWG
2. Material: G.I
3. Cable tray with cover of 18 SWG gauge

Job 3:

Fabrication, Supply, and Installation of M.S powder coated junction box of size 2 foot length X 1 foot Width X 9 inch Depth

Specifications for the M.S powder coated junction box:

1. Thickness : 14 SWG
2. Powder coated with 7/8 tank process

PB Chava

Job 4:

Laying of cables (which will be provided at site):

Cables are required to be inserted in the conduit of approximate 50 m length and laid in the cable tray. Total length is 1200 meter (in individual length of 50 m each) cable to be laid in the cable tray.

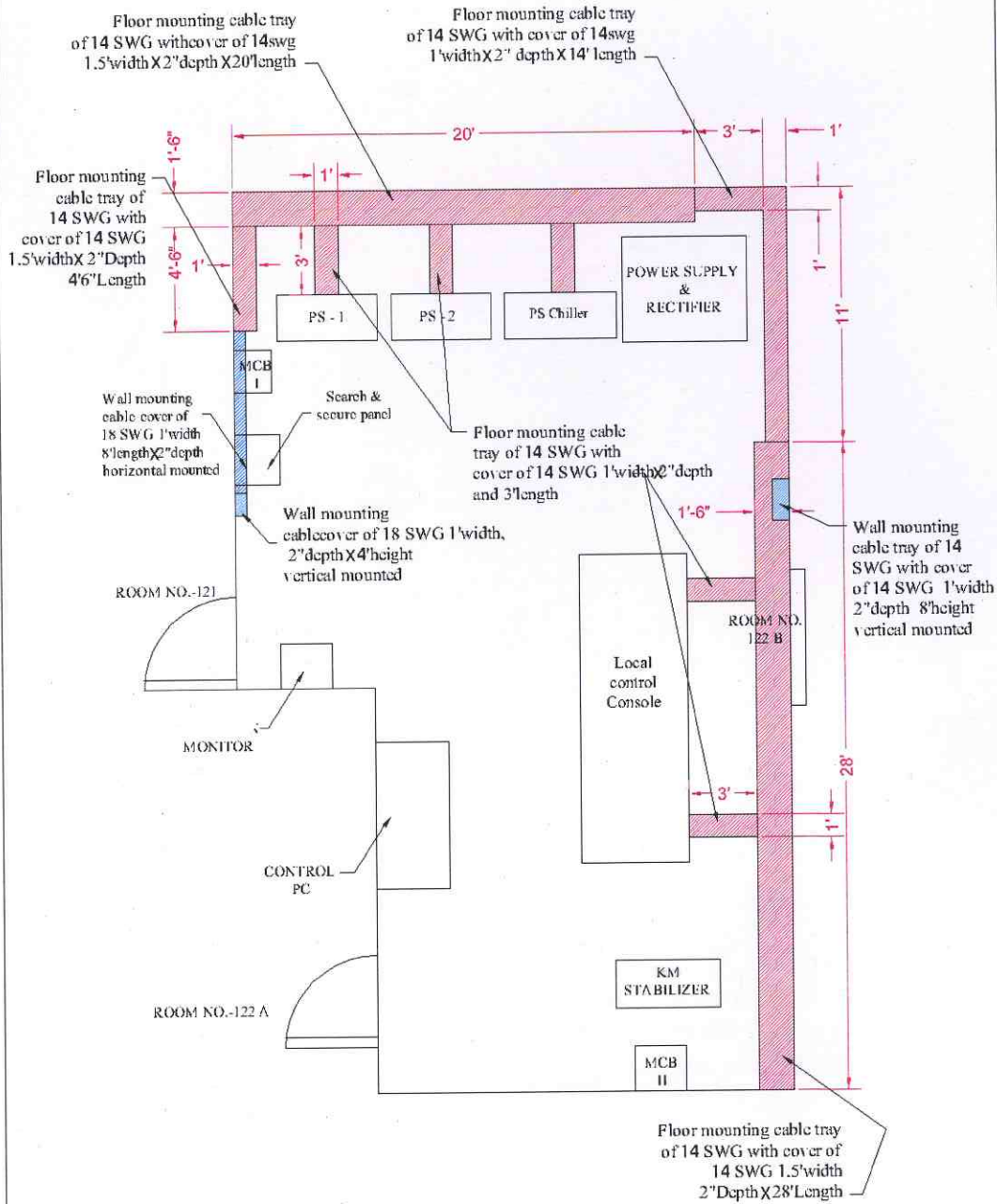
Job 5:

Existing cable trench is required to be filled with concrete mixture to make it level to the existing ground. 6 inch width X 6 inch Depth X 100 foot Length (in total).

Note: Fabricators must visit to the site at Electron Beam Centre, Rain Tree Marg, Sector – 7, CBD Belapur, Near Kharghar Station, Navi Mumbai – 400614 for better estimation and understanding of work before giving their final quotation.

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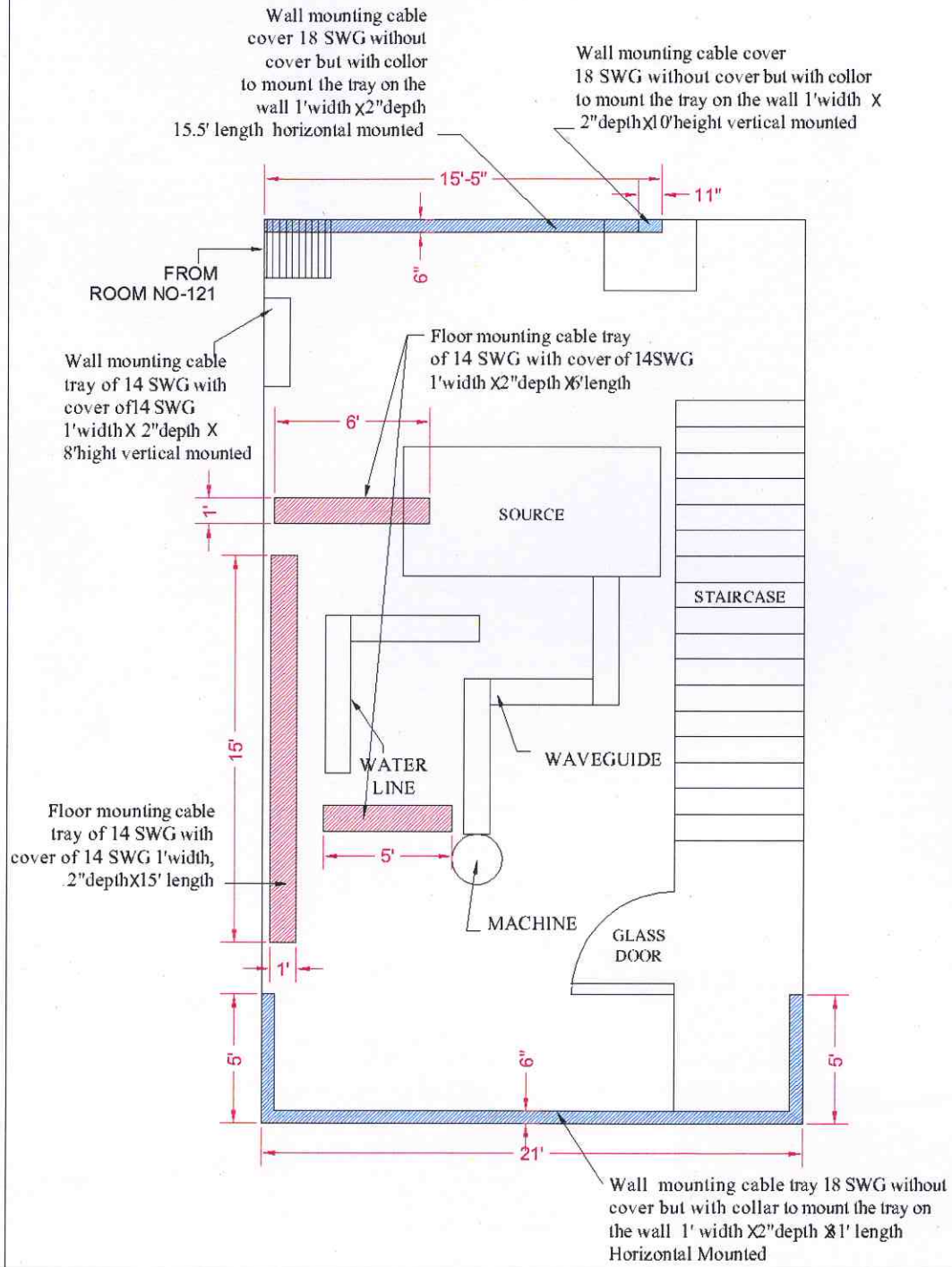
DRAWING NO. -1



R.B. Chavan

R. B. Chavan

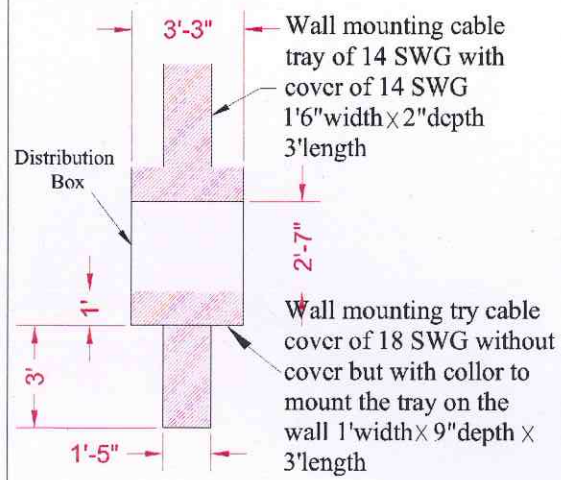
DRAWING NO. -2



R.B. Chavan

R. B. Chavan

DRAWING NO. -3



RSCharan

R. B. Charan