



MSRS-Surat,MCRS-Surat,RCRS-Bharuch,KVK-Dediapada  
Navsari Agricultural University, Navsari-396450, Gujarat

## Tender Document

For

## Construction of Compound Wall

(NAU/MSRS-MCRS-RCRS-KVK(Dediapada)/2016-2017)

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## Chapter 1: Tender Notice - NAU/MSRS-MCRS-RCRS-KVK(DP)/2016-2017

### Procurement for the construction of Compound Wall

#### [NAU/MSRS-MCRS-RCRS-KVK(DP)/2016-2017]

MSRS-Surat, MCRS-Surat, RCRS-Bharuch, KVK-Dediyapada (Units of Navsari Agricultural University) is looking for the Construction of Compound Wall. This NIT is published for the same.

Tender available for downloading and uploading on <a href="http://www.nprocure.com">www.nprocure.com</a>	06/02/2017 to 27/02/2017 up to 18:00 Hrs.
Last date for submission of tender fee and EMD and other documents.	01/03/2017 up to 17:00 Hrs.
Bid Validity Period	365 Days
Tender Fees	Rs.1500/-
Earnest Money Deposit (EMD)	As per Chapter 5
Online Tender submission through	<a href="http://www.nprocure.com">www.nprocure.com</a>

The bidder who is looking to participate in this tender must bid for procurement group-1 with all inquired items. Tender Fee and EMD are described under Chapter 5 in this document. Participation in this tender for procurement group-1 is compulsory. Following procurement is invited in this tender.

<b>Procurements (Groups)</b>
Compound wall at MSRS-Surat
Compound wall at MCRS-Surat
Compound wall at RCRS-Bharuch
Compound wall at KVK-Dediyapada

The detail requirements, specifications of procurements and tender document will be published on website [www.nau.in](http://www.nau.in) under tender section. If any future updates /corrigendum regarding tender will be there, it will be only published in website [www.nau.in](http://www.nau.in) / [www.nprocure.com](http://www.nprocure.com) during tender period. Bidder may check [www.nau.in](http://www.nau.in) / [www.nprocure.com](http://www.nprocure.com) periodically during tender period. Bidder can participate in this tender through [www.nprocure.com](http://www.nprocure.com) only.

Research Scientist (Sorghum), Surat

## Chapter 2: Guidelines and Terms & conditions

:: શરતો ::

કમ્પાઉન્ડ વોલ માટે મટીરીયલ અને કરવાના કામોની મંજૂરી માટેના ભાવપત્રકની શરતો.

૧. કામનો વર્ક ઓર્ડર/ સુચના આપ્યે તુરત જ કામ શરૂ કરવાનું રહેશે. અને નિયત સમય મર્યાદામાં કામ પૂર્ણ કરી કમ્પાઉન્ડ વોલ સુપરત કરવાનો રહેશે.
૨. સરકારશ્રીના/ યુનિવર્સિટીના વખતો-વખત નિયમો ઠેકેદારને બંધન કરતા રહેશે.
૩. ભાવ મંજૂર થયેથી કામગીરી કરતી વખતે કરારનામુ કરવાનું રહેશે. તથા તેની તમામ શરતો માન્ય રાખવાની રહેશે.
૪. જે ઠેકેદારનાં ટેન્ડર મંજૂર કરવામાં આવશે તેમની ભરેલી ડિપોઝીટ જમા રાખવામાં આવશે. અને તે રકમ ટેન્ડર મુદત પૂરી થયેથી, સમયમર્યાદામાં સંતોષકારક કામ પૂર્ણ થયેથી પરત કરવામાં આવશે, બાકીના ઇસમોની બાનાની ડિપોઝીટ ટેન્ડર મંજૂર થયેથી પરત કરવામાં આવશે.
૫. કમ્પાઉન્ડ વોલ માટે ટેન્ડરમાં દર્શાવેલ માપ જેટલો જ બનાવવાનો રહેશે. કમ્પાઉન્ડ વોલનું કામ અધિકૃત અધિકારી/ ઇજનેરશ્રીની સુચના અને સુપરવીઝન હેઠળ કરવાનું રહેશે. દર્શાવેલ માપથી વધારે કમ્પાઉન્ડ વોલનું ચુકવણું કરવામાં આવશે નહીં.
૬. ટેન્ડરમાં દર્શાવેલ આઇટમોનો જથ્થો એકદમ અંદાજીત છે. જેમાં વધ-ઘટ થઇ શકશે. અને જરૂર મુજબ જે તે માલ/ મટીરીયલ ખરીદ કરવામાં આવશે. આ બાબતે કોઇપણ પ્રકારનો વધારે ખરીદીનો હક્કદાવો કરી શકશે નહીં.
૭. ઠરાવેલ કામનું ચુકવણું સરકારશ્રીમાંથી નાણાંની પ્રાપ્તિ થયેથી કરવામાં આવશે. ચુકવણા માટે એજન્સીનો કોઇપણ જાતની તકરાર તથા નાણાંનાં વ્યાજ સાથે ચુકવવાની રજુઆત ધ્યાને લેવામાં આવશે નહીં, કે કોઇ વાંધો ગ્રાહ્ય રહેશે નહીં, તેમજ ચુકવણું મોડુ થવા બાબતે કોઇપણ દાવો કરી શકશે નહીં.
૮. કમ્પાઉન્ડ વોલનું કામ પૂર્ણ થયા પછી થયેલ કામ મુજબનું બીલ ચાર નકલમાં દિન-૭ માં રજુ કરવાનું રહેશે.
૯. થયેલ કરારનો કોઇપણ સમયે કોઇપણ કારણ આપ્યા વગર ૩ દિવસની નોટીસ આપી, અંત લાવવાનો યુનિવર્સિટીને હક્ક અબાધિત છે.
૧૦. ભાવો લેબર શેષ, સેલ ટેક્ષ, સર્વિસ ચાર્જ લાગુ પડતા સરકારી અન્ય પ્રકારના તમામ વેરા સહિતના ભરવાના રહેશે. બીલમાં અલગ ટેક્ષ, સર્વિસ ચાર્જ તથા લાગુ પડતા અન્ય વેરા ચુકવવામાં આવશે નહીં.
૧૧. રોયલ્ટી જે તે ઇજારદારે ચુકવવાની રહેશે. અને તે અંગેના પુરાવા/ ન વાંધા પ્રમાણપત્ર રજુ કરવાનું રહેશે.
૧૨. આ કામગીરી માટે ઇજારદારે લેબર (રેગ્યુલેશન એન્ડ એબોલીશન) એક્ટ-૧૯૭૦ તથા તે હેઠળ ૧૯૭૨ ના ગુજરાત નિયમોની જોગવાઈ તથા કામદાર વળતર અધિનિયમ-૧૯૨૩ તથા તે હેઠળના નિયમોની જોગવાઈ અનુસાર ઠેકેદાર રોકેલ મજૂરોના કાયદેસરનાં હિતોની રક્ષા કરવાની તેમજ પ્રસ્તુત કાયદા અને નિયમો હેઠળ કરાયેલ સુવિધા/ સગવડો ઉપલબ્ધ કરવાનો પ્રાથમિક વૈધાનિક

જવાબદારી મજૂરોને કામે રાખનાર જે તે ઇજારદારની રહેશે. અને સઘળી જવાબદારી વળતર સહિતની ઇજારદારની રહેશે.

૧૩. ભાવો જે તે કેન્દ્ર ખાતે જે તે નક્કી કરેલ સાઇટ ઉપર તમામ ટેક્ષ, જકાત, લોડીંગ/ અન લોડીંગ, માલ-સામાન તેમજ કરવાના કામોની મંજૂરી ચાર્જ સહિતનાં આપવાના રહેશે તથા મજૂરી કામના ભાવો કચેરી / ફાર્મ / સ્ટોર પરથી બાંધકામ સ્થળ પર ઇજારદારે પોતાના ખર્ચે લઈ જવાનો રહેશે

૧૪. મંજૂર થયેલ ભાવો એક વર્ષ સુધી માન્ય રહેશે.

૧૫. શરતી ભાવ પત્રકો સ્વીકારવામાં આવશે નહીં.

૧૬. આ કામગીરી કરનાર ઠેકેદાર પાસે વેટ નંબર, સર્વિસ ટેક્ષ નંબર તથા સેલ ટેક્ષ નંબર હોવો અનિવાર્ય છે. જેના પુરાવા આ ભાવ પત્રક સાથે જોડવાના રહેશે. જેના વગર ઠેકેદારનું ટેન્ડર ગ્રાહ્ય રાખવામાં આવશે નહીં.

૧૭. ભાવ ભરનાર ઠેકેદારે EMD અલગ રજૂ કરવાની રહેશે. તથા અલગ કવરમાં મુકી રજૂ કરવાની રહેશે.

૧૮. કોઇપણ ભાવો સ્વીકારવા અથવા તમામ ભાવો રદ કરવાનો અબાધિત અધિકાર નિયુક્ત કમીટી પાસે રહેશે.

૧૯. બાંધકામ અને તેનું સપ્લાય થયેલ મટીરીયલ્સ સ્પેસીફિકેશન મુજબ હોવું જોઇએ અને તે અત્રેની યુનિવર્સિટીના ઇજનેર દ્વારા પ્રમાણિત/પાસ થયેજ પેમેન્ટ કરવામાં આવશે.

૨૦. ચાલુ નાણાકીય વર્ષમાં સોપવામાં આવેલ કામગીરી /ઓર્ડર તા. ૨૫/૦૩/૨૦૧૭ પહેલા પૂર્ણ કરવાનું રહેશે.

૨૧. ટેન્ડર ફી "**Associate Research Scientist (Agro.), MSRS, Surat**"ના નામની કાઢવાની રહેશે.

EMD અને ટેન્ડર ફી વગરનાં ભાવ પત્રકો સ્વીકારવામાં આવશે નહીં.

**SEAL & SIGNATURE OF BIDDER**

## Chapter 3: Bidder Information

1. Name of supplier / firm :

2. Complete postal address :

3. Telephone & Mobile Number :

4. FAX Number (if any) :

5. E-mail address :

6. Registration No. :

7. VAT / TIN No. :

8. PAN No. :

9. Any other details:

We agree to abide by the terms and conditions of supply mentioned in this tender document.

Signature of Bidder  
(With Stamp, Name & Designation)

## Chapter 4: Technical Bid Document (Checklist Documents)

Sr. No.	Check List Documents	Remarks
1	Scan copy of Tender Fee(Non-Refundable)	Mandatory
2	Scan copy of EMD(Refundable): Demand Draft as applicable	Mandatory
3	Scan copy of PAN Card	Mandatory
4	Scan copy of Valid Registration Certificate of bidder's firm. (Shop Act Registration / Partnership deed /Memorandum of article/Registration of firm / Small Scale Industry Registration)	Mandatory
5	Scan Copy of VAT Registration Certificate	Mandatory
6	Scan copy of Last 3 Year Income Tax Returns of Assessment Year 2014-15, 2015-16 and 2016-17	Mandatory
7	Scan copy of Valid registration of E-2 Class & Above	Mandatory

## Chapter 5: Tender Fee, EMD and Submission Address

**Tender Fee:** Bidder has to submit nonrefundable Tender Fee in the form of Bank Draft in favor of "**Associate Research Scientist (Agro.), MSRS, Surat**", payable at Surat. Tender Fee is compulsory for tender participation, without which tenders will not be considered.

**Earnest Money Deposit (EMD):** Tender shall be accompanied by an earnest money, without which tenders will not be considered. There are 4 different EMD required to submit in this tender. Details of EMD should be described below.

<b>Procurements (Groups)</b>	<b>DD in favor of</b>	<b>EMD (In Rs.)</b>
Compound Wall at Main Sorghum Research Station, Surat	Associate Research Scientist (Agro.), MSRS, Surat	15,000
Compound Wall at Main Cotton Research Station, Surat	DDO, MCRS, NAU, Surat	15,000
Compound Wall at Regional Cotton Research Station, Bharuch	Associate Research Scientist (Agri Botany), NAU, Bharuch	15,000
Compound Wall at KVK-Dediapada	NAU, KVK Revolving Fund Account, SBI, Dediapada	15,000

**Refund of earnest money:** The earnest money of unsuccessful Bidder will be refunded.

**Forfeiture of earnest money:** The earnest money will be forfeited in the following cases:

- When Bidder withdraws or modifies the offer after opening of tender.
- When the Bidder does not deposit the security money after the work/purchase order is given.

**Security Deposit:** Successful bidder shall deposit security / performance guarantee money (5% of purchase/work order)

**Refund of Security Deposit:** The amount of security deposit will be refunded after completion of warranty period / service contract.

**Forfeiture of Security Deposit:** The security deposit will be forfeited in the following cases:

- When works/services are not successfully executed as per requirement mentioned in the tender document.
- When successful bidder terminate the works/services in during execution period.
- When any issue raised in quality or services during warranty period

**Tender Fee, EMD and Tender Submission Address:**

**Research Scientist (Sorghum)  
Main Sorghum Research Station,  
Navsari Agricultural University,  
Athwa Farm, Surat- 395007 (Gujarat)**



## Chapter 6: Instructions to bidders for Online Tender Participation

1. All tender documents can be downloaded free from the website <http://au.nprocure.com> or <http://www.nprocure.com>
2. All bids should be submitted online on the website <http://au.nprocure.com> or <http://www.nprocure.com>
3. All bids should be digitally signed. For the details regarding digital signature certificate and related training involved the below mentioned address should be contacted

(n) Code Solutions (A Division of GNFC Ltd.)  
403, 4th Floor, GNFC Info Tower,  
Bodakdev, Ahmadabad - 380054.  
Gujarat, India.  
Sales: (079) 4000 7323  
Support: (079) 4000 7300  
Email: [dscsales@ncode.in](mailto:dscsales@ncode.in)  
Website: [www.ncodesolutions.com](http://www.ncodesolutions.com)

4. The user can get a copy of instructions to online participation from the website <http://au.nprocure.com> or <http://www.nprocure.com>
5. The service provider should register on the website through the "New User" link provided at the home page, the registration on the site should not be taken as registration or empanelment or any other form of registration with the tendering authority.
6. The application for training and issue of digital signature certificates should be made at least 72 hours in advance to the due date and time of tender submission.
7. For all queries regarding use of digital signature certificate should be addressed to M/s. (n) Code Solutions.
8. For all queries regarding tender specifications and any other clauses included in tender should be addressed to personnel in tendering office address provided below

Director IT,  
ASPEE Agribusiness Management Institute,  
Navsari Agricultural University,  
Eru Char Rasta, Navsari- 396450 (Gujarat)  
Email: [dit@nau.in](mailto:dit@nau.in), Phone: 02637-282960

## Chapter 7: Specification, Requirement and Scope of work for procurements

### Procurements Group-1: Compound Wall at Main Sorghum Research Station, Surat

Item No	Works Description	Unit	Quantity
1	Labour charge of Excavation for foundation in dense to hard soil, including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50mt. Lead etc. Complete as directed by Engineer in charge. 0 to1.5 mt. depth. (B) Dense or Hard soli(S.O.R/04B001B/Pg-7)	1.Cmt	65.50
2	Labour charge of Excavation for foundation in dense to hard soil, including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50mt. Lead etc. Complete as directed by Engineer in charge.1.5 to 3.0 mt. depth. (S.O.R/04B002B/Pg-7)	1.Cmt	19.50
3	Labour charge for laying CEMENT CONCRETE 1:4:8 (1 Cement :4 Coarse sand : 8 hand broken stone aggregates 40mm nominal size) and curing complete excluding cost of form work in (A) Foundation and Plinth ... etc. complete as directed by E.I.C. (S.O.R/5004A/5.3.3/Pg-9)	1.Cmt	4.30
4	Labour charge for laying CEMENT CONCRETE 1:1.5:3 (1 cement : 1.5 coarse sand : 3 hand broken stone aggregates 20mm nominal size) and curing complete including cost of formwork and reinforcement for reinforced work in (A) <b>Foundation, footings, Base of column and mass concrete</b> (more than 10 ton) (R.A)	1.Cmt	8.20
5	Labour charge for laying & constructing ordinary cement concrete 1:1.5:3 (1Cement: 1.5 Coarse sand: 3 graded stone aggregate 20mm nominal size) and finishing smooth with, curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) <b>COLUMN (i)</b> Having cross sectional area 0.05 to 0.08 sq.m (S.O.R/05031B1/0/Pg-20 + As per Attached Material Difference Sheet )	1.Cmt	6.00
6	Labour charge for Filling available excavated earth (excluding rock) in trenches. Plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering.(S.O.R/4006/4.12/pg-5)	1.Cmt	85.00
7	Labour charge for laying ordinary 1 : 1.5 : 3 CEMENT CONCRETE (1 Cement : 1.5 Coarse sand : 3 stone aggregate 20mm nominal size kapchi) including the cost of necessary formwork, compacting with vibrator, curing & shuttering in true line and level etc. but excluding cost of reinforcement in RCC work for <b>GROUND BEAMS &amp; PLINTH BEAM</b> for any type of cross sectional area... etc., complete as directed by E.I.C. (More than 10 ton) - <b>R.A</b>	1.Cmt	5.40
8	Labour charge for Brick work in foundation and plinth in <b>Cement mortar 1:6</b> (1 Cement : 6 fine sand) (B) Conventional (more than 10 ton)(S.O.R/06002BA/6.13/pg-27)	1.Cmt	43.10
9	Labour charge for laying ordinary 1 : 1.5 : 3 CEMENT CONCRETE (1 Cement : 1.5 Coarse sand : 3 stone aggregate 20mm nominal size kapchi) including the cost of necessary formwork, compacting with vibrator, curing & shuttering in true line and level etc. but excluding cost of reinforcement in <b>RCC work for Copying</b> for any type of cross sectional area... etc., complete as directed by E.I.C. (More than 10 ton)- <b>RA</b>	1.Cmt	2.00
10	Labour charge for <b>20 mm thick sand faced cement plaster</b> on wall upto hight 10 metres above ground level consisting of 12mm thick backing coat of c.m. 1:3 (1 cement : 3 sand) and 8 mm thick finishing coat of c.m. 1:1 (1 cement : 1 sand) etc. complete(S.O.R/17009/17.95/pg-93)	1.Smt	496.00
11	Labour charge for <b>Finishing wall with water proofing cement paint</b> on wall surface ( <b>two coats</b> ) to give an approved brand and manufactures and of required shape even shade after throughly brushing the surface to remove all dirts, and remains of loose powdered	1.Smt	496.00

	material(S.O.R/18027/18.51/pg-97)		
12	Labour charge for <b>TMT FE-415 bar reinforcement</b> for RCC work <b>including</b> bending & placing in position complete up to floor two level as directed by EIC and as per detail drawings.(S.O.R/05014BA/5.4.11/pg-12)	1.Kg.	1560.00
13	Labour charge for Barbed wire Fencing including fixing the 40 mm x 40 mm x 6mm M.S angle of " Y " Shape in concrete or masonry with 3 horizontal raws of galvanized barbed wire of approved quality and guage (weight 9.38 kg per 100 metre) on both side of wall including P/A one coat of red oxide and two coats of oil paint of approved shade and brand etc <u>including cost of colour</u> complete as directed by engineer in charge. .(M.R)	1.Rmt	85.00
14	Labour charge for Cleaning the compound wall/Fencing site minimum 1.20 metre in width with manual/ JCB machine including cutting of trees with roots etc complete as directed by engineer in charge.(M.R)	Job	1.00

For all above items (1 to 14) Contractor has to submit rate including all the taxes and cess (including Labour cess). During the bill labour cess will be deducted and after which the payment will be made.

Tender Item No.	Item Specification	Unit	Quantity
15	Coarse Aggregate 20mm to 40 mm	Cmt	21.45
16	Sand (For Surat- Zone II)	Cmt	34.50
17	Cement OPC 53 grade	Bag	318.0
18	Steel 8.0 mm/10.0mm ISI	Kg	1560.0
19	Binding Wire of 18 gauge thick annealed iron	Kg	100.0
20	Red Bricks(Strength- 35 Kg/cm <sup>2</sup> , Size-9"x4"x3")	Nos	21550.0
21	Barbed wire ( weight 9.38 kg per 100 meter on both side )	Kg	47.83
22	M.S angle of " Y " Shape	Nos	27.0
23	Water proofing cement paint Colour(20 liter pack)	pack	4.20

For all above items (15 to 23) Contractor has to submit rate including all the taxes.

### **Procurements Group-2: Compound Wall at Main Cotton Research Station, Surat**

Item No	Works Description	Unit	Quantity
1	Labour charge of Excavation for foundation in dense to hard soil, including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50mt. Lead etc. Complete as directed by Engineer in charge. 0 to1.5 mt. depth. (B) Dense or Hard soli(S.O.R/04B001B/Pg-7)	1.Cmt	65.50
2	Labour charge of Excavation for foundation in dense to hard soil, including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50mt. Lead etc. Complete as directed by Engineer in charge.1.5 to 3.0 mt. depth. (S.O.R/04B002B/Pg-7)	1.Cmt	19.50
3	Labour charge for laying CEMENT CONCRETE 1:4:8 (1 Cement :4 Coarse sand : 8 hand broken stone aggregates 40mm nominal size) and curing complete excluding cost of form work in (A) Foundation and Plinth ... etc. complete as directed by E.I.C. (S.O.R/5004A/5.3.3/Pg-9 )	1.Cmt	4.30
4	Labour charge for laying CEMENT CONCRETE 1:1.5:3 (1 cement : 1.5 coarse sand : 3 hand broken stone aggregates 20mm nominal size) and curing complete including cost of formwork and reinforcement for reinforced work in (A) <b>Foundation, footings, Base of column and mass concrete</b> (more than 10 ton) (R.A)	1.Cmt	8.20
5	Labour charge for laying & constructing ordinary cement concrete 1:1.5:3 (1Cement: 1.5 Coarse sand: 3 graded stone aggregate 20mm nominal size) and finishing smooth with, curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) <b>COLUMN (i)</b> Having cross sectional area 0.05 to 0.08 sq.m	1.Cmt	6.00

	(S.O.R/05031B1/0/Pg-20 + As per Attached Material Difference Sheet )		
6	Labour charge for Filling available excavated earth (excluding rock) in trenches. Plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering.(S.O.R/4006/4.12/pg-5)	1.Cmt	85.00
7	Labour charge for laying ordinary 1 : 1.5 : 3 CEMENT CONCRETE (1 Cement : 1.5 Coarse sand : 3 stone aggregate 20mm nominal size kapchi) including the cost of necessary formwork, compacting with vibrator, curing & shuttering in true line and level etc. but excluding cost of reinforcement in RCC work for <b>GROUND BEAMS &amp; PLINTH BEAM</b> for any type of cross sectional area... etc., complete as directed by E.I.C. (More than 10 ton) - <b>R.A</b>	1.Cmt	5.40
8	Labour charge for Brick work in foundation and plinth in <b>Cement mortar 1:6</b> (1 Cement : 6 fine sand) (B) Conventional (more than 10 ton)(S.O.R/06002BA/6.13/pg-27)	1.Cmt	43.10
9	Labour charge for laying ordinary 1 : 1.5 : 3 CEMENT CONCRETE (1 Cement : 1.5 Coarse sand : 3 stone aggregate 20mm nominal size kapchi) including the cost of necessary formwork, compacting with vibrator, curing & shuttering in true line and level etc. but excluding cost of reinforcement in <b>RCC work for Copying</b> for any type of cross sectional area... etc., complete as directed by E.I.C. (More than 10 ton)- <b>RA</b>	1.Cmt	2.00
10	Labour charge for <b>20 mm thick sand faced cement plaster</b> on wall upto hight 10 metres above ground level consisting of 12mm thick backing coat of c.m. 1:3 (1 cement : 3 sand) and 8 mm thick finishing coat of c.m. 1:1 (1 cement : 1 sand) etc. complete(S.O.R/17009/17.95/pg-93)	1.Smt	496.00
11	Labour charge for <b>Finishing wall with water proofing cement paint</b> on wall surface ( <b>two coats</b> ) to give an approved brand and manufactures and of required shape even shade after throughly brushing the surface to remove all dirts, and remains of loose powdered material(S.O.R/18027/18.51/pg-97)	1.Smt	496.00
12	Labour charge for <b>TMT FE-415 bar reinforcement</b> for RCC work <b>including</b> bending & placing in position complete up to floor two level as directed by EIC and as per detail drawings.(S.O.R/05014BA/5.4.11/pg-12)	1.Kg.	1560.00
13	Labour charge for Barbed wire Fencing including fixing the 40 mm x 40 mm x 6mm M.S angle of " Y " Shape in concrete or masonry with 3 horizontal raws of galvanized barbed wire of approved quality and guage (weight 9.38 kg per 100 metre) on both side of wall including P/A one coat of red oxide and two coats of oil paint of approved shade and brand etc <u>including cost of colour</u> complete as directed by engineer in charge. .(M.R)	1.Rmt	85.00
14	Labour charge for Cleaning the compound wall/Fencing site minimum 1.20 metre in width with manual/ JCB machine including cutting of trees with roots etc complete as directed by engineer in charge.(M.R)	Job	1.00

For all above items (1 to 14) Contractor has to submit rate including all the taxes and cess (including Labour cess). During the bill labour cess will be deducted and after which the payment will be made.

Tender Item No.	Item Specification	Unit	Quantity
15	Coarse Aggregate 20mm to 40 mm	Cmt	21.45
16	Sand (For Surat- Zone II)	Cmt	34.50
17	Cement OPC 53 grade	Bag	318.0
18	Steel 8.0 mm/10.0mm ISI	Kg	1560.0
19	Binding Wire of 18 gauge thick annealed iron	Kg	100.0
20	Red Bricks(Strength- 35 Kg/cm <sup>2</sup> , Size-9"x4"x3")	Nos	21550.0
21	Barbed wire ( weight 9.38 kg per 100 meter on both side	Kg	47.83

22	M.S angle of " Y " Shape	Nos	27.0
23	Water proofing cement paint Colour(20 liter pack)	pack	4.20

For all above items (15 to 23) Contractor has to submit rate including all the taxes.

**Procurements Group-3: Compound Wall at Regional Cotton Research Station, Bharuch (North Site)**

Item No	Works Description	Unit	Quantity
1	Labour charge of Excavation for foundation in dense to hard soil, including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50mt. Lead etc. Complete as directed by Engineer in charge.0 to1.5 mt.depth. (B) Dense or Hard soli(S.O.R/04B001B/Pg-7)	1.Cmt	65.50
2	Labour charge of Excavation for foundation in dense to hard soil, including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50mt. Lead etc. Complete as directed by Engineer in charge.1.5 to 3.0 mt.depth. (S.O.R/04B002B/Pg-7)	1.Cmt	19.50
3	Labour charge for laying CEMENT CONCRETE 1:4:8 (1 Cement :4 Coarse sand : 8 hand broken stone aggregates 40mm nominal size) and curing complete excluding cost of form work in (A) Foundation and Plinth ... etc. complete as directed by E.I.C. (S.O.R/5004A/5.3.3/Pg-9 )	1.Cmt	4.30
4	Labour charge for laying CEMENT CONCRETE 1:1.5:3 (1 cement : 1.5 coarse sand : 3 hand broken stone aggregates 20mm nominal size) and curing complete including cost of formwork and reinforcement for reinforced work in (A) <b>Foundation,footings, Base of column and mass concrete</b> (more than 10 ton) (R.A)	1.Cmt	8.20
5	Labour charge for laying & constructing ordinary cement concrete 1:1.5:3 (1Cement: 1.5 Coarse sand: 3 graded stone aggregate 20mm nominal size) and finishing smooth with, curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) <b>COLUMN (i)</b> Having cross sectional area 0.05 to 0.08 sq.m (S.O.R/05031B1/0/Pg-20 + As per Attached Material Difference Sheet )	1.Cmt	6.00
6	Labour charge for Filling available excavated earth (excluding rock) in trenches. Plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each dispoised layer by ramming and watering.(S.O.R/4006/4.12/pg-5)	1.Cmt	85.00
7	Labour charge for laying ordinary 1 : 1.5 : 3 CEMENT CONCRETE (1 Cement : 1.5 Coarse sand : 3 stone aggregate 20mm nominal size kapchi) including the cost of necessary formwork, compacting with vibrator, curing & shuttering in true line and level etc. but excluding cost of reinforcement in RCC work for <b>GROUND BEAMS &amp; PLINTH BEAM</b> for any type of cross sectional area... etc., complete as directed by E.I.C. (More than 10 ton) - <b>R.A</b>	1.Cmt	5.40
8	Labour charge for Brick work <b>in foundation and plinth in Cement mortar 1:6</b> (1 Cement : 6 fine sand) (B) Conventional (more than 10 ton)(S.O.R/06002BA/6.13/pg-27)	1.Cmt	43.10
9	Labour charge for laying ordinary 1 : 1.5 : 3 CEMENT CONCRETE (1 Cement : 1.5 Coarse sand : 3 stone aggregate 20mm nominal size kapchi) including the cost of necessary formwork, compacting with vibrator, curing & shuttering in true line and level etc. but excluding cost of reinforcement in <b>RCC work for Copying</b> for any type of cross sectional area... etc., complete as directed by E.I.C. (More than 10 ton)- <b>RA</b>	1.Cmt	2.00
10	Labour charge for <b>20 mm thick sand faced cement plaster</b> on wall upto hight 10 metres above ground level consisting of 12mm thick backing coat of c.m. 1:3 (1 cement : 3 sand) and 8 mm thick finishing coat of c.m. 1:1 (1 cement : 1 sand) etc. complete(S.O.R/17009/17.95/pg-93)	1.Smt	496.00
11	Labour charge for <b>Finishing wall with water proofing cement paint</b>	1.Smt	496.00

	on wall surface ( <b>two coats</b> ) to give an approved brand and manufactures and of required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered material(S.O.R/18027/18.51/pg-97)		
12	Labour charge for <b>TMT FE-415 bar reinforcement</b> for RCC work <b>including</b> bending & placing in position complete up to floor two level as directed by EIC and as per detail drawings.(S.O.R/05014BA/5.4.11/pg-12)	1.Kg.	1560.00
13	Labour charge for Barbed wire Fencing including fixing the 40 mm x 40 mm x 6mm M.S angle of " Y " Shape in concrete or masonry with 3 horizontal raws of galvanized barbed wire of approved quality and gauge (weight 9.38 kg per 100 metre) on both side of wall including P/A one coat of red oxide and two coats of oil paint of approved shade and brand etc <u>including cost of colour</u> complete as directed by engineer in charge. .(M.R)	1.Rmt	85.00
14	Labour charge for Cleaning the compound wall/Fencing site minimum 1.20 metre in width with manual/ JCB machine including cutting of trees with roots etc complete as directed by engineer in charge.(M.R)	Job	1.00

For all above items (1 to 14) Contractor has to submit rate including all the taxes and cess (including Labour cess). During the bill labour cess will be deducted and after which the payment will be made.

Tender Item No.	Item Specification	Unit	Quantity
15	Coarse Aggregate 20mm to 40 mm	Cmt	21.45
16	Sand (For Bharuch - Zone III)	Cmt	34.50
17	Cement OPC 53 grade	Bag	318.0
18	Steel 8.0 mm/10.0mm ISI	Kg	1560.0
19	Binding Wire of 18 gauge thick annealed iron	Kg	100.0
20	Red Bricks(Strength- 35 Kg/cm <sup>2</sup> , Size-9"x4"x3")	Nos	21550.0
21	Barbed wire ( weight 9.38 kg per 100 meter on both side	Kg	47.83
22	M.S angle of " Y " Shape	Nos	27.0
23	Water proofing cement paint Colour(20 liter pack)	pack	4.20

For all above items (15 to 23) Contractor has to submit rate including all the taxes.

#### **Procurements Group-4: Compound Wall at Krushi Vigan Kendra, Dediypada**

Item No	Works Description	Unit	Quantity
1	Labour charge for excavation for foundation in dense to hard soil, including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50mt. Lead etc. Complete as directed by Engineer in charge.0 to1.5 mt. depth. (B) Dense or Hard soli(S.O.R/04B001B/Pg-21)	1.Cmt	68.00
2	Labour charge for Excavation for foundation in dense to hard soil, including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50mt. Lead etc. Complete as directed by Engineer in charge.1.5 to 3.0 mt.depth. (S.O.R/04B002B/Pg-21)	1.Cmt	20.20
3	Labour charge for Laying CEMENT CONCRETE 1:4:8 (1 Cement :4 Coarse sand : 8 hand broken stone aggregates 40mm nominal size) and curing complete excluding cost of form work in (A) Foundation and Plinth ... etc. complete as directed by E.I.C. (S.O.R/5004A/5.3.3/Pg-23 )	1.Cmt	5.90
4	Labour charge for Laying CEMENT CONCRETE 1:1.5:3 (1 cement : 1.5 coarse sand : 3 hand broken stone aggregates 20mm nominal size) and curing complete including cost of formwork and reinforcement for reinforced work in (A) <b>Foundation, footings, Base of column and mass concrete</b> (more than 10 ton) (R.A)	1.Cmt	8.50

5	Labour charge for laying & constructing ordinary cement concrete 1:1.5:3 (1Cement: 1.5 Coarse sand: 3 graded stone aggregate 20mm nominal size) and finishing smooth with, curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) <b>COLUMN (i)</b> Having cross sectional area 0.05 to 0.08 sq.m (S.O.R/05031B1/0/Pg-36 + As per Attached Material Difference Sheet )	1.Cmt	6.20
6	Labour charge for Filling available excavated earth (excluding rock) in trenches. Plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each disposed layer by ramming and watering.(S.O.R/4006/4.12/pg-19)	1.Cmt	88.10
7	Labour charge for laying ordinary 1 : 1.5 : 3 CEMENT CONCRETE (1 Cement : 1.5 Coarse sand : 3 stone aggregate 20mm nominal size kapchi) including the cost of necessary formwork, compacting with vibrator, curing & shuttering in true line and level etc. but excluding cost of reinforcement in RCC work for <b>GROUND BEAMS &amp; PLINTH BEAM</b> for any type of cross sectional area... etc., complete as directed by E.I.C. (More than 10 ton) <b>-R.A</b>	1.Cmt	5.60
8	Labour charge for Brick work using <b>common burnt clay building brick</b> having crushing strength not less than 35 kg/sq. cm. <b>in foundation and plinth in Cement mortar 1:6</b> (1 Cement : 6 fine sand) (B) Conventional (more than 10 ton)(S.O.R/06002BA/6.13/pg-47)	1.Cmt	44.70
9	Labour charge for laying ordinary 1 : 1.5 : 3 CEMENT CONCRETE (1 Cement : 1.5 Coarse sand : 3 stone aggregate 20mm nominal size kapchi) including the cost of necessary formwork, compacting with vibrator, curing & shuttering in true line and level etc. but excluding cost of reinforcement in <b>RCC work for Copying</b> for any type of cross sectional area... etc., complete as directed by E.I.C. (More than 10 ton)-RA	1.Cmt	2.00
10	Labour charge for <b>20 mm thick sand faced cement plaster</b> on wall up to height 10 meters above ground level consisting of 12mm thick backing coat of c.m. 1:3 (1 cement : 3 sand) and 8 mm thick finishing coat of c.m. 1:1 (1 cement : 1 sand) etc. complete(S.O.R/17009/17.95/pg-136)	1.Smt	507.20
11	Labour charge for <b>Finishing wall with water proofing cement paint</b> on wall surface ( <b>two coats</b> ) to give an approved brand and manufactures and of required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered material(S.O.R/18027/18.51/pg-140)	1.Smt	507.20
12	Labour charge for <b>TMT FE-415 bar reinforcement</b> for RCC work <b>including</b> bending & placing in position complete up to floor two level as directed by EIC and as per detail drawings.(S.O.R/05014BA/5.4.11/pg-28)	1.Kg.	1616.70
13	Labour charge for Barbed wire Fencing including fixing the 40 mm x 40 mm x 6mm M.S angle of " Y " Shape in concrete or masonry with 3 horizontal raws of galvanized barbed wire of approved quality and gauge (weight 9.38 kg per 100 metre) on both side of wall including P/A one coat of red oxide and two coats of oil paint of approved shade and brand etc <u>including cost of colour</u> complete as directed by engineer in charge. (M.R)	1.Rmt	87.00
14	Labour charge for Cleaning the compound wall/Fencing site minimum 1.20 metre in width with manual/ JCB machine including cutting of trees with roots etc complete as directed by engineer in charge.(M.R)	Job	1.00

For all above items (1 to 14) Contractor has to submit rate including all the taxes and cess (including Labour cess). During the bill labour cess will be deducted and after which the payment will be made.

Tender Item No.	Item Specification	Unit	Quantity
15	Coarse Aggregate 20mm to 40 mm	Cmt	23.40
16	Sand (For Dediapada- Zone III)	Cmt	36.20
17	Cement OPC 53 grade	Bag	340.0
18	Steel 8.0 mm/10.0mm ISI	Kg	1616.70
19	Binding Wire of 18 gauge thick annealed iron	Kg	100.0
20	Red Bricks(Strength- 35 Kg/cm <sup>2</sup> , Size-9"x4"x3")	Nos	22350.0

21	Barbed wire ( weight 9.38 kg per 100 meter on both side	Kg	49.0
22	M.S angle of " Y " Shape	Nos	28.0
23	Water proofing cement paint Colour(20 liter pack)	pack	4.22

For all above items (15 to 23) Contractor has to submit rate including all the taxes.