

TENDER DOCUMENT FOR

“ Construction of Costal Police station at Damanwada, Moti Daman.”



**OMNIBUS INDUSTRIAL
DEVELOPMENT CORPORATION OF
DAMAN & DIU AND DADRA & NAGAR
HAVELI LIMITED
(A Govt. Undertaking)**



**OMNIBUS INDUSTRIAL DEVELOPMENT CORPORATION OF
DAMAN & DIU AND DADRA & NAGAR HAVELI LIMITED.**

(A Government Undertaking)

Plot No. 35, Somnath, Near Daman. (0260)2241122, 2231108 2244731

INDEX

Name of Work : Construction of Costal Police station at Damanwada, Moti Daman.

Sr. No.	Particulars	Page	No.
1.	Press notification (Tender Notice)	1 to 2	
2.	Notice Inviting Tender - C.P.W.D., Form 6 with correction Slips.	3 to 9	
3.	C.P.W.D., Form 7/8 with Correction Slips.	10 to 19	
4.	FORM - A, B, B1, C, D, E, E-1 & F	20 to 27	
5.	Additional Conditions	28 to 43	
6.	Special Conditions	44 to 45	
7.	Under Taking	46 to 47	
8.	Schedule of Quantities (Schedule "B")	48 to 72	
9.	Drawings	73	
10.	Cement Consumption Statement	74	

Issued to M/s. / Shri _____

On Dated _____

Signature of the Contractors.

Executive Engineer,
OIDC Limited, Daman.



**OMNIBUS INDUSTRIAL DEVELOPMENT CORPORATION OF
DAMAN & DIU AND DADRA & NAGAR HAVELI LIMITED.**

(A Government Undertaking)

Plot No. 35, Somnath, Nani Daman.(0260)2240976, 2231108.

No.OIDC/DMN/CD/2008/

Date: 26/08/2008

NOTICE INVITING TENDER (2nd Call).

Executive Engineer, OI DC Ltd., invites sealed & super scribed tender for the following works on behalf of OI DC Ltd., from reliable, well established, competent and experienced firms/ agencies/ contractors (Joint ventures are not permitted) meeting the minimum Pre-qualification criteria,

1) a) Registered with CPWD and those of appropriate list of Department of Telecommunications, MES, Railways, State Development Authorities, Municipal Corporation, State PWD under appropriate class should submit their application with Certified true copy of Registration copy, experience certificate as per condition no 2.

b) If the contractor not registered with any Government department but fulfilling criteria No. 2 are also eligible for the work.

2) The Tenderers should have an experience of having completed works during the last 7 years ending 31st March 2008. Three completed works, costing not less than the amount equal to 40% of Estimated cost put to tender OR Two completed works, costing not less than the amount equal to 60% of Estimated cost put to tender OR one completed work of aggregate cost not less than amount equal to 80% of estimated cost.

Sr.No	Name of Work.	Approximate Cost put to Tender.	Tender Fee (Non Refundable)	EMD in form of FDR	Time limit (Including monsoon)
1	Construction of Police out post at Athiawad, Daman. (2 nd Call).	Rs. 47,16,856/-/-	500/-	Rs.94,337/-	5 Month
2	Construction of Costal Police Station at Damanwada, Moti Daman. (2 nd Call).	Rs.21,67,161/-	500/-	Rs. 43,344/-	4 Month

The Earnest Money in the form of fixed bank grantee deposit receipt valid for the period on six month or more from any nationalize bank drawn in favour of the Executive Engineer, OI DC should be furnished at the time of submission of tender document. The Tender without EMD will not consider for the competition. The Earnest Money in separate sealed cover super scribing "Earnest Money for the work (Name of Work)".

(i) The Last Date of application and fees for issuing of tender documents is 04/09/2008 up to 18:00 Hrs. (ii) The Blank Tender Document will be issued to eligible contractor on 08/09/2008 up to 17.00 Hrs. (iii) The Tender will be received on 16/09/2008 at 15:00 Hrs. The Tender will be open on the same day at 16:00 Hrs if possible

OI DC reserves the right to reject any or all tenders without assigning any reason and the selection shall be at the absolute discretion of the Corporation and Corporation's decision in this respect shall be final and binding.

This Notice inviting Tender can also be seen at OI DC Ltd website www.oicd.nic.in

- Sd -

Executive Engineer,
OI DC Ltd, Daman.

5	Construction of Police post at Velugam, D&NH.	Rs 33,61,280/-	Rs 500	Rs 67,226/-	5 Months
6	Construction of Costal Police station at Damanwada, Moti Daman.	Rs. 21,76,757/-	Rs 500	Rs. 43,535/-	4 Months
7	Construction of Police out post at Athiawad, Daman.	Rs 49,52,700/-	Rs 500	Rs.99,054/-	5 Months

The Earnest Money in the form of fixed deposit receipt valid for a period of six months or more from any schedule bank drawn in favour of the Executive Engineer, O IDC should be furnished at the time of submission of tender document. The Tender without EMD will not consider for the competition. The Earnest Money in separate sealed cover super scribing "Earnest Money for the work" (name of work)".

The application and fees for issuance of tender documents from eligible contractor will be accepted up to dtd:- **08/07/2008 up to 18.00 hours (for work at Sr.No 1 TO 4) & FOR WORK at Sr.No :-5, 6 & 7 LAST DATE OF APPLICATION WILL BE- up to 01/07/2008 18.00 HRS.** The Blank Tender documents will be issued to the eligible contractor on dtd 11/07/2008 (for work at Sr.No:-1 TO 4) & 04/07/2008 (for work at Sr.No:-5 TO 7) after scrutiny of the application.

The Tender will be received on 08/08/2008 at 3.00pm (for work at Sr.No:-1 TO 4) & FOR WORK NO :-5, 6 & 7 The Tender will be received on 25/07/2008 at 3:00pm and open on same day at 4:00 pm in presence of tenders (if possible)

O IDC reserves the right to reject any or all the tenders without assigning any reason and the selection shall be at the absolute discretion of the Corporation and Corporation's decision in this respect shall be final and binding. Tender notice is also available on

Sd/-
Executive Engineer
O IDC.Daman.

AMENDED UPTO JAN-2008

के. लो. नि. वि. / CPWD-6

भारत सरकार GOVERNMENT OF INDIA

केन्द्रीय लोक निर्माण विभाग CENTRAL PUBLIC WORKS DEPARTMENT



निविदा आमंत्रण सूचना NOTICE INVITING TENDER

1. भारत के राष्ट्रपति की ओर से निम्नलिखित कार्यके लिए केन्द्रीय लोक निर्माण विभाग के अनुमोदित एवं पात्र ठेकेदारों (तथा उन ठेकेदारों से जो दूरसंचार विभाग, एम. ई. एरा, रेलवेज तथा राज्य लोक निर्माण विभाग की सम्पत्ति सूची में हैं)* प्रतिशत दर/मद दर निविदाएं आमंत्रित की जाती हैं।

Item rate / percentage rate tenders are invited on behalf of the President of India from approved and eligible contractors of C.P.W.D. (and those of appropriate list of Deptt. of Telecommunications, M.E.S., Railways and State P.W.D.)*, for the work of Construction of Coastal police Station

at Damanwadey, Moti Daman

ठेकेदारों का पंजीकरण निविदाओं की बिक्री की अंतिम तिथि को वैध होना चाहिए।

The enlistment of the contractors should be valid on the last date of sale of tenders.

यदि केवल निविदाओं की बिक्री की अंतिम तिथि बढ़ायी जाती है तो ठेकेदार का पंजीकरण निविदाओं की बिक्री की मूल तिथि को वैध होना चाहिए।

In case only the last date of sale of tenders is extended, the enlistment of contractor should be valid on the original date of sale of tenders.

यदि आवेदन प्राप्ति की अंतिम तिथि बढ़ायी जाती है तो ठेकेदार का पंजीकरण दोनों तिथियों में से कोई यानी निविदाओं की बिक्री की मूल तिथि या अंतिम तिथि को वैध होना चाहिए।

In case both the last date of receipt of applications and sale of tenders are extended, the enlistment of contractor should be valid on either of the two dates, the original date of sale of tender or on the extended date of sale of tenders.

- 1.1 कार्य की अनुमानित लागत रु. है। तथापि, यह अनुमानित लागत गूटे और पर एक मार्ग निर्देश मात्र है।

The work is estimated to cost Rs. 21.67,161/- This estimate, however, is given merely as a rough guide.

- 1.1.1 मिश्रित लागत वाली निविदा आमंत्रण सूचना को अनुमोदित करने वाला तथा मुख्य डिप्लोम का सक्षम प्राधिकारी, निविदाएं मंगलने के लिए निविदा आमंत्रण सूचना का समेकन करेगा और वह उस मंडल की भी नामित करेगा जो निविदाएं आमंत्रित करने में संबंधित सभी मामलों को डील करेगा।

मिश्रित निविदा के मिश्रित अनुमान की लागत को दर्शाने के साथ-साथ प्रत्येक घटक की अलग अलग अनुमानित लागत का उल्लेख भी किया जाए। निविदादाता की पात्रता, विभिन्न घटकों की लागत को मिलाकर मिश्रित अनुमानित लागत के अनुरूप होगी।

The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the tenders. He will also nominate Division which will deal with all matters relating to the invitation of tenders.

For composite tender, besides indicating the combined estimated cost put to tender, should clearly indicate the estimated cost of each component separately. The eligibility of tenderer will correspond to the combined estimated cost of different components put to tender.

- 1.2 निविदाएं पात्र ठेकेदारों को जारी की जाएंगी, बशर्ते, वे समुचित प्राधिकारी से नीचे विनिर्दिष्ट परिमाण वाले समरूप कार्य के संतोषजनक ढंग से पूरा किए जाने संबंधी निश्चित प्रमाण प्रस्तुत करें जो सक्षम प्राधिकारी की संतुष्टि के अनुसार हों :-

Tenders will be issued to eligible contractors provided they produce definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

* यदि लागू नहीं हो तो हटा दें

* Delete if not applicable.

Printed & Marketed by: Jain Book Agency, C-9, Connaught Place, New Delhi - 110001 Ph. 23416390 upto 97

Fax: 011-4151 3850 E-mail : sales@jainbookagency.com Website : www.jba.in

AMENDED UPTO JAN 2008 * DO NOT ACCEPT IT WITHOUT HOLOGRAM * PHOTOCOPY STRICTLY PROHIBITED.

Under Authority from Central PWD, Govt. of India, New Delhi. Price (for Delhi) Rs. 1.80 each. Outstation, Pkg & Fwdg. Charges extra.

Please read the place of procurement of

India for this documents.

(i) निविदा की लागत के तौर पर रु की नकद राशि और

Rs.....500/-..... in cash as cost of tender and

(ii) नकद (10,000/-- रु. तक) / ट्रेजरी चालान रसीद / किसी अनुसूचित बैंक की मांग जमा रसीद / किसी अनुसूचित बैंक की सावधि जमा रसीद / किसी अनुसूचित बैंक के डिमांड ड्राफ्ट के रूप में के पक्ष में देय रु की बयाना राशि। बयाना राशि का 50 प्रतिशत या 20 लाख रु, जो भी कम हो, ऊपर निर्धारित रूप में होगा तथा बयाना राशि की शेष रकम अनुसूचित बैंक द्वारा जारी बैंक गारंटी के रूप में स्वीकार की जा सकती है।

Earnest Money of Rs.....43,247/-..... in cash (upto Rs. 10,000/-) / Receipt, Treasury Challan/ Deposit or Call receipt of a scheduled bank / fixed deposit receipt of a scheduled bank / demand draft of a scheduled bank issued in favour of Executive Engineer 50% of earnest money or Rs. 20 lakh, whichever is less, will have to be deposited in the shape prescribed above and balance amount of earnest money can be accepted in the form of Bank Guarantee issued by a scheduled bank.

6. निविदाएं जो हमेशा मुहरबंद लिफाफे में रखी जानी चाहिए तथा उन लिफाफों पर कार्य का नाम लिखा जाना चाहिए, द्वारा तारीख को 3.00 बजे सायं तक प्राप्त की जाएगी और उसी दिन 3.30 बजे सायं उनके द्वारा या उनके प्राधिकृत प्रतिनिधि द्वारा अपने कार्यालय में खोली जाएगी।

Tenders, which should always be placed in sealed envelope, with the name of work and due date written on the envelopes, will be received by the Executive Engineer upto 03.00 P.M. on 25/07/08 and will be opened by him or his authorised representative 4 P.M. in the same day at 03:30 P.M.

7. जिस ठेकेदार की निविदा स्वीकार कर ली जाएगी, उसे ठेकेदार के भीतर निविदित राशि के 5% (पांच प्रतिशत) की निष्पादन गारंटी उपलब्ध कराएगा। यह गारंटी निष्पादन प्रपत्र के अनुसार संचालित निष्पादन गारंटी राशि 10,000 रुपयों से कम हो) या किसी अनुसूचित बैंक की कॉल रसीद पर जमा/किसी अनुसूचित बैंक की मांग जमा रसीद / किसी अनुसूचित बैंक के डिमांड ड्राफ्ट / किसी अनुसूचित बैंक के अदायगी आदेश (यदि गारंटी राशि 1,00,000 रुपयों से कम हो) या किसी भी अनुसूचित बैंक या भारतीय स्टेट बैंक की सरकारी प्रतिगूति या सावधिक जमा रसीद या गारंटी बंधपत्र के रूप में उपलब्ध कराएगी।

The Contractor whose tender is accepted, will be bound to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in Schedule III. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form.

8. कार्य का ब्यौरा इस प्रकार है :

The description of the work is as follows:

Construction of Coastal police station at Damanwada, Moti Daman

निविदाकारों द्वारा जांच के लिए कार्यों से संबंधित अन्य नक्शों तथा कागजातों की प्रतियां उपर्युक्त अधिकारी के कार्यालय में खोली जाएगी।

Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderers at the office of the above mentioned officer.

निविदाकारों को सलाह दी जाती है कि वे निविदा प्रस्तुत करने के पहले कार्यस्थल एवं उसके आस पास की जगह, जमीन की प्रकृति एवं अनुमृदा (जहां तक वावहार्य हो), कार्य स्थल का रूप एवं प्रकृति, कार्य स्थल तक पहुंचने के साधन, स्थान जो उन्हें चाहिए उसका निरीक्षण व जांच कर लें तथा जोखिम, आकस्मिकता एवं अन्य परिस्थितियों से, जो निविदा को प्रभावित कर सकती हैं, संबंधित आवश्यक जानकारी स्वयं प्राप्त कर, सन्तुष्ट हो लें। यह माना जायेगा कि निविदाकार को कार्यस्थल के बारे में पूरी जानकारी है, चाहे उसने इसका निरीक्षण किया हो या नहीं, तथा बाद में किसी भ्रांति या अन्य बातों के लिए कोई अतिरिक्त प्रभार अनुभव नहीं होगा। कार्य निष्पादन हेतु सभी प्रकार की सामग्री, औजार एवं संयंत्र, जल, बिजली लाने के साधन, कामगारों के लिए सुविधाएं तथा अन्य अपेक्षित सेवाओं का प्रबंध करने तथा उनके रख रखाव का उत्तरदायित्व स्वयं निविदाकार का होगा, जब तक अन्यथा विशेष रूप से करार में इसका उल्लेख न किया गया हो। निविदाकार द्वारा निविदा प्रस्तुत करना यह सूचित करता है कि उसने इस सूचना एवं अन्य सभी करार-दस्तावेजों को पढ़ लिया है तथा उसे किए जाने वाले कार्य का अभिप्राय एवं विनिर्देशों, शर्तों व दरें जिन पर शरकर द्वारा उन्हें सामान, औजार एवं संयंत्र आदि दिए जाएंगे तथा स्थायी स्थितियां और अन्य कारक जो कार्य में निष्पादन पर प्रभाव डालें, के बारे में पूरी जानकारी है।

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the

site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

9. सक्षम प्राधिकारी, भारत के राष्ट्रपति की ओर से न्यूनतम या किसी अन्य निविदा को स्वीकार करने के लिए अपने आप को आबद्ध नहीं करते हैं और प्राप्त हुई किसी भी निविदा या सभी निविदाओं को बिना कारण बताए अस्वीकार करने का अधिकार अपने पास सुरक्षित रखते हैं। ऐसी सभी निविदाओं को जिनमें विहित शर्तें पूरी नहीं की गई हों अथवा निविदाकार द्वारा राशर्त छूट दिए जाने सहित किररी शर्तों को रखा गया हो, अस्वीकार कर दिया जाएगा।

OJDC

The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

10. निविदाओं के मामले में किसी भी प्रकार का प्रत्यक्ष या अप्रत्यक्ष प्रचार या प्रचार का प्रयोग नहीं किया जा सकता है तथा उन ठेकेदारों की निविदाएं जो प्रेषण का सहारा लेंगे, अस्वीकार कर दी जाएंगी।

Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who have canvassed will be summarily rejected.

11. सक्षम प्राधिकारी, भारत के राष्ट्रपति की ओर से पूर्णतया या किसी अंश में निविदा को स्वीकार करने का अधिकार अपने पास सुरक्षित रखते हैं तथा निविदाकार, कथित दर पर निर्णय के लिए बाध्य नहीं होंगे।

The competent authority on behalf of the President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

12. ठेकेदार को के. लॉ. नि. वि. परिमंडल में (जहाँ के वे कार्य कर रहे हैं) के लिए उत्तरदायी (है) जिसमें उसका नजदीकी रिश्तेदार मंडल लेखाकार या अधीक्षण इंजीनियर एवं कांस्टेबल इंजीनियर (सहायक) की श्रेणियों के बीच किसी भी हैसियत के अधिकारी के रूप में तैनात हो, कार्यों के लिए निविदा देने की अनुमति नहीं है। यदि उन व्यक्तियों के नामों की भी सूची देगा जो किसी भी हैसियत में उसके साथ कार्य कर रहे हों या जिन्हें उसके द्वारा बाद में भर्ती किया गया हो तथा जो केन्द्रीय लोक निर्माण विभाग या ग्रामीण विकास मंत्रालय में कार्यरत किसी राजपत्रित अधिकारी के नजदीकी रिश्तेदार हैं। यदि ठेकेदार इस शर्त को भंग करेगा तो उसका नाम इस विभाग की ठेकेदारों की अनुमोदित सूची से हटा दिया जाएगा।

The contractor shall not be permitted to tender for works in the CPWD Circle (responsible for award and execution of contracts) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

13. भारत सरकार के किररी इंजीनियरी विभाग में इंजीनियरी या प्रशासनिक कार्यों में लगे हुए राजपत्रित रैंक के किसी इंजीनियर को या किररी अन्य राजपत्रित अधिकारी को सरकारी सेवा मुक्त होने पर एक साल तक, भारत सरकार की पूर्ण लिखित अनुमति बिना ठेकेदार की हैसियत से काम करने की अनुमति नहीं है। यदि किररी समय यह पाया गया कि ठेकेदार या उसका कोई कर्मचारी, ऐसा व्यक्ति है जिसने निविदा प्रस्तुत करने से पहले या ठेकेदार की सेवा में लगने के पहले भारत सरकार से अनुमति नहीं ली थी, तो यह ठेका रद्द किया जा सकता है।

No Engineer of gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.

14. कार्यों के लिए निविदा, निविदाओं के खुलने की तारीख से 60 दिन तक स्वीकृति हेतु खुली रहेगी। यदि कोई निविदाकार उक्त अवधि के पहले या स्वीकृति पत्र जारी होने के पहले, जो भी पहले हो, से पहले अपनी निविदा वापिस ले लेता है या निविदा की शर्तों और निबंधनों में कोई संशोधन करता है, जो विभाग को स्वीकार्य नहीं है, तो सरकार किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डाले बिना ऊपर किए गए उल्लेख के अनुसार उक्त धरोहर रशि का 50 प्रतिशत जब्त करने के लिए सतंत्र होगी। इसके अतिरिक्त, निविदाकार को पुनः निविदा प्रक्रिया में भाग लेने की अनुमति नहीं दी जाएगी।

The tender for the works shall remain open for acceptance for a period of sixty days from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the work.

15. यह निविदा आमंत्रण सूचना, करार दरतावेज का एक हिस्सा होगी। सफल निविदाकार/देकेदार, स्वीकारकर्ता प्राधिकारी द्वारा निविदा स्वीकार किए जाने के बाद कार्य प्रारंभ किए जाने की निर्धारित तिथि से 15 दिनों के भीतर निम्नलिखित को शामिल करते हुए संविदा पर हस्ताक्षर करेगा :-

This Notice Inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

(क) निविदा आमंत्रण सूचना, अतिरिक्त शर्तों सहित सभी कामजातों, विनिर्देश, प्रमाणित नमूने, कोई भी, जो निविदा आमंत्रण के समय निविदा के रूप में जारी किए गए हैं तथा करार में किए गए दरतावेजों/प्रस्तावों सहित करार स्वीकृति।

(a) The notice inviting tender, all the documents (including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.

(ख) मानक के लो. वि. प्रपत्र संख्या 7/8

(b) Standard C.P.W.D. Form 7/8

16. मिश्रित संविदाओं के लिए

For Composite Tenders

- 16.1.1 निविदाकार को स्वयं समुचित श्रेणी के ऐसे अभिकरण से जुड़ा होना चाहिए जो, अन्य घटकों के लिए अलग-अलग निविदा देने की पात्रता रखते हों।

The tenderer must associate with himself agencies of the appropriate class eligible to tender for the other components individually.

- 16.1.2 निविदाकार के लिए यह अनिवार्य होगा कि वह सभी घटकों के निविदा दरतावेजों (मात्रा अनुसूची, शर्तें तथा विशेष शर्तें आदि) पर हस्ताक्षर करे।

It will be obligatory on the part of the tenderer to sign the tender document for all the components. (The schedule of quantities, conditions and special conditions etc.)

- 16.1.3 कार्य प्रदान करने के पश्चात् देकेदार को संबंधित अधिकारी के साथ प्रत्येक घटक के संबंध में अलग-अलग करार करने होंगे।
After the work is awarded, the contractor will have to enter into separate agreements for each component with the Officer concerned.

- 16.1.4 गौण घटकों के भारसाधक कार्यपालक अभियंता गौण घटक के निर्माण कार्यों के लिए अंतरिम भुगतान करेंगे। मुख्य घटकों के भारसाधक कार्यपालक अभियंता संयुक्त संविदा के अंतिम बिल का भुगतान करेंगे।

Executive Engineer in charge of minor component shall make interim payments in respect of minor component of work. Executive Engineer in charge of the major component shall make the payment against final bill of the composite contract.

- 16.2 मुख्य घटक का प्रभारी कार्यपालक इंजीनियर मिश्रित कार्य के लिए निविदाएं आमंत्रित करेंगे। निविदा दस्तावेज की लागत तथा बगाना राशी का निर्धारण मिश्रित निविदा की मिश्रित अनुमानित लागत के आधार पर किया जाएगा। प्रत्येक घटक के लिए प्रतिभूति निक्षेप की राशि, कार्य के संबंधित घटक की अनुमानित लागत के अनुरूप अलग-अलग की जाएगी। बगाना राशी, कार्य के मुख्य घटक के प्रतिभूति निक्षेप का हिस्सा बन जाएगी।

The Executive Engineer Incharge of the major component will call tenders for the composite work. The cost of tender document and Earnest Money will be fixed with respect to the combined estimated cost put to tender for the composite tender. Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works. The Earnest Money will become part of the security deposit of the major component of work.

- 16.3 सक्षम प्राधिकारी द्वारा मिश्रित निविदा को स्वीकारे जाने के पश्चात् बड़े घटक वाला प्रभारी कार्यपालक इंजीनियर भारत के राष्ट्रपति की ओर से कार्य प्रदान करने संबंधी पत्र जारी करेगा। कार्य प्रदान करने संबंधी पत्र में इस बात का साफ-सफ़ उल्लेख किया जाएगा कि टेकेदार को कार्य के विभिन्न घटकों के संबंध में, संबंधित डिप्लिनिन से जुड़े अधिकारियों (पदनाम का उल्लेख करते हुए) के साथ अलग-अलग करार निष्पादित करने होंगे।

On acceptance of the composite tender by the competent authority, the letter of award will be issued by the Executive Engineer Incharge of the major component on behalf of the President of India, making it clear in the letter of award that the contractor will have to execute separate agreements for different components of work with the concerned officers of the respective departments to be given).



मंडल / उप मंडल अधिकारी के हस्ताक्षर

Signature **EXECUTIVE ENGINEER** Regional Officer

CPWD LTD. DAMAN

भारत के राष्ट्रपति के लिए और उनकी ओर से

For & on behalf of President of India

Correction Slip for Form CPWD 6

Incorporating Corrections upto DGW/CON/179 dt. 4.4.2003

1. Page 2, Form CPWD 6, Para 6 shall be deleted.

In addition to above similar provision for ITCC occurring at any other place in the standard tender forms CPWD 6, 7 & 8 may also be treated as deleted. [Vide DGW/CON/178 dt. 24.3.2003]

2. Page 2, Form CPWD 6, Para 8.1 shall be substituted by the following:

"The tender shall be accompanied by earnest money of Rs. 4.37 Lakh in cash/Receipt Treasury Challan/
~~Deposit at call receipt of a Schedule Bank/Fixed Deposit Receipt of a Schedule Bank/demand Draft of a~~
Schedule Bank issued in favour of S.S.F. O.D.C. Damani" [Vide DGW/CON/179 dt. 4.4.2003]

3. Page 4, Form CPWD 6, Para 15 At present tenders are valid for a period of 90 days with effect from the date of opening of tender as per para 15 of CPWD 6. The period has been revised as under:

Existing Provision	Revised Provision
As per Para 15 of CPWD 6 90 days	60 days

The provision will apply to all tenders invited w.e.f. 1.2.2003.

The provision should also be suitably incorporated at all other appropriate places in the standard tender form CPWD 6, 7 & 8 etc. [Vide DGW/CON/172, dt. 10.1.2003]

Printed and Marketed by Nabhi Publications, N-101A, 11nd Floor, Munshi Ram Building, Connaught
Circus, New Delhi- 110001. Ph. : 23354823, 23321251 Fax : 011-23731117 Price : Paise 25 each

AMENDED UPTO JAN-2008

के. लो. नि. वि. / CPWD-7/8

भारत सरकार GOVERNMENT OF INDIA

केन्द्रीय लोक निर्माण विभाग CENTRAL PUBLIC WORKS DEPARTMENT

राज्य STATE

परिमंडल CIRCLE

शाखा BRANCH

मंडल DIVISION

अंचल ZONE

उप-मंडल SUB-DIVISION



कार्यों के लिए प्रतिष्ठित दर/मद दर निविदा एवं संविदा

Percentage Rate Tender/Item Rate Tender & Contract for Works

(अ) कार्य के लिए निविदा:-

(A) Tender for the work of:-

Moti Damam Construction of Coastal police station at Damamwada.

(i) (क) दिनांक को बजे के कार्यालय में प्रस्तुत की जानी है।

To be submitted by (date)

(ii) (ख) उक्त निविदाकारी के सौंपे जाएंगे जो निम्नलिखित कक्ष बजे.....

To be opened in presence of at hours on

in the office of सेवा में प्रेषित Issued to

कागजात जारी करने वाले अधिकारी के हस्ताक्षर
Signature of officer issuing the documents

पद Designation

जारी करने की तारीख Date of Issue:

EXECUTIVE ENGINEER

OJDC LTD. DAMAN

निविदा TENDER

मैंने/हमने कार्य के लिए निविदा आमंत्रण सूचना, अनुसूची-क, ख, ग, घ, ङ, और च लागू विनिर्देश, नक्शे एवं डिजाइन, सामान्य नियम एवं निर्देश, ठेके के संक्षेप, विशिष्ट शर्तें, दर अनुसूची एवं अन्य कागजात तथा ठेके की शर्तों में दिए गए नियम तथा निविदा कागजात में उल्लिखित अन्य दस्तावेजों को पढ़ा व जांच लिया है।
I/We have read and examined the notice inviting tender, schedule A, B, C, D, E & F. Specifications, applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

मैं/हम, एतद्वारा भारत के राष्ट्रपति के लिए अनुसूची 'च' में विनिर्दिष्ट समय के भीतर विनिर्दिष्ट कार्य, यथा-मात्राओं की अनुसूची तथा सभी संबंधित विनिर्देश, डिजाइनों, नक्शों के अनुरूप तथा सामान्य नियमावली के नियम-1 और ठेके की शर्तों के खण्ड-11 में उल्लिखित विविध अनुसूची एवं ऐंगों सामग्रीयों, जो प्रदान की जाती हैं और उसके संबंध में, ऐसी शर्तों जो लागू हों, के अनुरूप विष्णुन हेतु निविदा देता हूँ/ देते हैं।

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

हम निविदा को, इसके खोले जाने की निर्धारित तारीख से 60 दिनों के लिए खुला रखने तथा इतरणी शर्तों एवं शिर्कियों में निर्धारित तन परिचर्तन न करने व लिए सहमत हैं।

We agree to keep the tender open for sixty (60) days from the due date of its opening and not to make any modifications in its terms and conditions.

Printed & Marketed by: Jain Book Agency, C-9, Connaught Place, New Delhi -110001 Ph: 23416390 upto 97

Fax: 011-4151 3850 E-mail : sales@jainbookagency.com Website : www.jba.in

AMENDED UPTO JAN 2008 * DO NOT ACCEPT IT WITHOUT HOLOGRAM * PHOTOCOPY STRICTLY PROHIBITED.

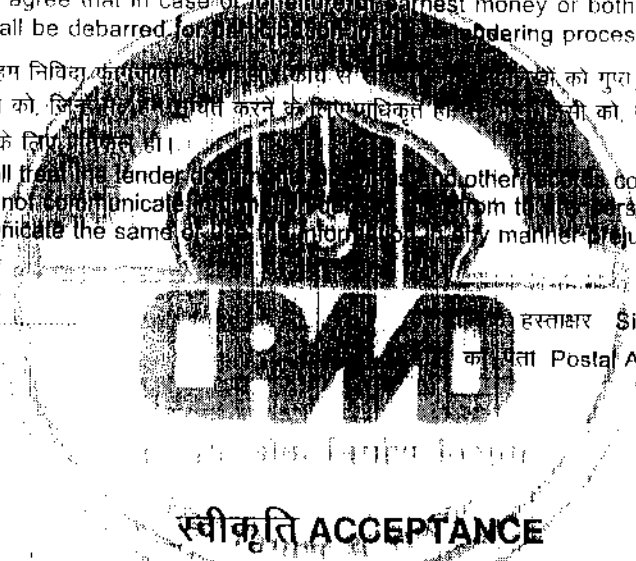
Under Authority from Central PWD, Govt. of India, New Delhi. Price (for Delhi) Rs. 3.00 each. Outstation, Pkg & Fwdg. Charges extra.

..... की धनराशि धरोहर राशि के रूप में नकद / ट्रेजरी चालान रसीद / अनुसूचित बैंक की मांग जमा रसीद / अनुसूचित बैंक की उपरोक्त नाम रसीद / अनुसूचित बैंक का डिमांड ड्राफ्ट / अनुसूचित बैंक द्वारा जारी बैंक गारंटी के रूप में जमा कराई जा चुकी है। यदि मैं / हम निर्धारित निष्पादन गारंटी को निर्धारित समय अवधि में प्राप्त करने में असफल रहते हैं तो मैं / हम यह मंजूर करते हैं कि भारत के उक्त राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डालने बिना उक्त धरोहर राशि अकाउंट करने के लिए पूर्णतया स्वतंत्र होंगे। इसके अलावा, यदि मैं / हम विनिर्दिष्ट कार्य प्रारम्भ करने में असफल रहते हैं, तो मैं / हम यह मंजूर करते हैं कि भारत के राष्ट्रपति या उनके कार्यालय के उत्तराधिकारी कानून में उपलब्ध किसी अन्य अधिकार या उपचारी उपाय पर प्रतिकूल प्रभाव डालते बिना उक्त धरोहर राशि तथा निष्पादन गारंटी जमा करने के लिए पूर्णतया स्वतंत्र होंगे अन्यथा उक्त धरोहर राशि निविदा कागजात के अनुसार उरमें निहित शर्तों ग विधियों के अनुसार कार्यों के निष्पादन एवं आदिष्ट विचलनों को अनुसूची 'घ' में वर्णित प्रतिशत से अनधिक व निविदा प्रपत्र के खण्डों 12.2 व 12.3 में निहित प्रावधानों के अनुसार निश्चित की जाने वाली दरों पर तुरत सीमा से अधिक के विचलनों के करने के लिए उनके द्वारा प्रतिभूति-निक्षेप के रूप में रोक ली जाएगी। इसके अतिरिक्त मैं / हम स्वीकार करते हैं कि चयना शर्ती या बयानों वाली तथा उपरोक्त निष्पादन गारंटी जमा हो जाने के मामले में मुझे / हमें कार्य की पुनः निविदा प्रक्रिया में भाग लेने से रोक दिया जाएगा।

A sum of Rs. 43,344/- has been deposited in cash/receipt-treasury challan/deposit at call receipt of a scheduled bank/ fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money. If I/we, fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to commence work as specified, I/we agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of earnest money or both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for a period of 3 years from participating in the tendering process of the work.

मैं / हम स्वीकार करते हैं कि मैं / हम निविदा कागजात में उक्त धरोहर राशि को सुरक्षित रखने और गोपनीय बर्तनाना के रूप में रखने और उसे प्राप्त / ली गई जानकारी किसी अन्य को, जिसे मैं / हम सूचित करने के लिए प्राधिकृत नहीं करते हैं, को नहीं बताएंगे या जानकारी को किसी ऐसे स्थान में प्रयोग नहीं करेंगे जो राज्य सुरक्षा के लिए हानिकारक हो।

I/We hereby declare that I/we shall treat the tender documents and all other documents connected with the work as secret/confidential documents and shall not communicate the same in any manner to any person other than a person to whom I/we am/are authorised to communicate the same in any manner prejudicial to the safety of the State.



तारीख Dated.....

हस्ताक्षर Signatures of Contractor

का पता Postal Address

साक्षी Witness:

पता Address:

उपजीविका Occupation:

मैं भारत के राष्ट्रपति की ओर से तथा उनके लिए रु. (रुपये) की राशि के लिए उपरोक्त निविदा (अधोलिखित पत्रों के अनुसार परिवर्तित) स्वीकार करता हूँ।
 The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs. (Rupees)

निचे दिये गए पत्र इसा ठेका करार का हिस्सा होंगे।
 The letters referred to below shall form part of this contract Agreement:-
 (i)
 (ii)
 (iii)

भारत के राष्ट्रपति की ओर से तथा उनके लिए
 For & on behalf of President of India. OJDC
 हस्ताक्षर Signatures.....
 पदनाम Designation.....

तारीख Dated.....

अनुसूचियां SCHEDULES

अनुसूची 'क' SCHEDULE 'A'

मात्राओं की अनुसूची (संलग्न)

Schedule of quantities (Enclosed)

अनुसूची 'ख' SCHEDULE 'B'

टेकेदार को निर्गत की जाने वाली सामग्रियों की अनुसूची

Schedule of materials to be Issued to the contractor.

क्रम सं० S. No.	वस्तु विवरण Description of Item	मात्रा Quantity	जिस दर पर सामग्रियां टेकेदार को प्रभारित होगी वह दर अकों या शब्दों में Rates in figures & words at which the material will be charged to the contractor	निर्गत स्थान Place of Issue
1	2	3	4	5



अनुसूची 'ग' SCHEDULE 'C'

टेकेदार को भाड़े पर दिए जाने वाले औजार एवं संयंत्र

Tools and plants to be hired to the contractor

क्रम सं० Sl. No.	विवरण Description	भाड़ा प्रभार प्रतिदिन Hire charges per day	निर्गत स्थान Place of Issue
1	2	3	4

— NIL —

अनुसूची 'घ' SCHEDULE 'D'

कार्य के लिए विशेष अपेक्षाएं/दस्तावेज, यदि कोई हों, की अतिरिक्त अनुसूची
Extra schedule for specific requirements/documents for the work, if any

अनुसूची (ड) SCHEDULE 'E'

मूल्य वृद्धि के लिए सीमेंट, इस्पात, अन्य सामग्री, श्रम आदि के घटकों की अनुसूची।
Schedule of component of Cement, Steel, other Materials, Labour etc. for price escalation.

खण्ड 10 गग CLAUSE 10 CC

सीमेंट के घटक-कार्य में कुल मूल्य के प्रतिशत के रूप में प्रदर्शित Component of Cement - expressed as percent of total value work	Xc.....%
इस्पात के घटक-कार्य में कुल मूल्य के प्रतिशत के रूप में प्रदर्शित Component of Steel - expressed as percent of total value work	Xs.....%
निर्माण कार्य सामग्री के लिए सिविल घटक (सीमेंट और इस्पात के अतिरिक्त) / वैद्युत कार्य घटक-कार्य में कुल मूल्य के प्रतिशत के रूप में प्रदर्शित Component of civil (except cement & steel)/Electrical Construction Materials-expressed as percent of total value of work	Xm.....%
श्रम के घटक-कार्य के कुल मूल्य के प्रतिशत के रूप में प्रदर्शित Component of labour- expressed as per cent of total value of work.	Y.....%
पीओएल के घटक - कार्य के कुल मूल्य के प्रतिशत के रूप में प्रदर्शित Component of P.O.L. - expressed as percent of total value work.	Z.....%

अनुसूची 'व' SCHEDULE 'F'

देके की सामान्य शर्तों का संदर्भ/ Reference to General Conditions of contract.

कार्य का नाम Name of work: Construction of Coastal police station at Damanwada,
Moti Daman.

कार्य की अनुमानित लागत Estimated cost of work:

₹ Rs. 21,76,757/-

(i) धरोहर राशि Earnest money:

₹ Rs. 43,53,514/-

(ii) निष्पादन गारंटी Performance Guarantee

निविदित मूल्य का 5 प्रतिशत 5% of tendered value

(iii) प्रतिभूत निक्षेप Security Deposit

निविदित मूल्य का 5 प्रतिशत 5% of tendered value

सामान्य नियम एवं दिशानिर्देश General Rules & Direction:

निविदा आमंत्रण करने वाला प्राधिकारी

Officer inviting tender

EXECUTIVE ENGINEER

OIDC LTD. DAMAN

कार्य की मदों की मात्रा के लिए अधिकतम प्रतिशत जिससे अधिक निष्पादित मदों के लिए दरों का निर्धारण खण्ड 12.2 और 12.3 के निम्नानुसार

निम्नानुसार

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3.

see below

परिभाषाएं Definitions

2(v) भारसाधक इंजीनियर
Engineer-in-Charge

Executive Engineer, OI D C

2(viii) स्वीकार कर्ता प्राधिकारी
Accepting Authority

EXECUTIVE ENGINEER
OIDC LTD. DAMAN

2(x) अतिरिक्त और लाभों को पूरा करने के लिए सामग्रियों की लागत पर प्रतिशतता
Percentage on cost of materials and labour to cover all overheads and

15%

2(xi) दरों की मानक अनुसूची Standard Schedule of Rates

D.R. (Malsad District) 07/

2(xii) विभाग Department

OI D C

9(ii) मानक के. लो. नि. वि. फॉर्म
Standard CPWD contract Form

संशोधित और शोधित के लो. नि. वि. फॉर्म 7/8
is modified & corrected upto

खण्ड Clause 1

(i) स्वीकृती पत्र जारी होने की तारीख से निष्पादन के प्रस्तुतीकरण के लिए अनुमत समय
Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance

_____ दिन days

(ii) (उपर्युक्त i) में दी गई अवधि के पश्चात अधिकतम अनुमय एकस्टेंशन
Maximum allowable extension beyond the period (provided in i) above

_____ दिन days

खण्ड Clause 2

खण्ड 2 के तहत प्रतिकार निश्चित करने वाला प्राधिकारी
Authority for fixing compensation under clause 2.

Executive Engineer, OI

EXECUTIVE ENGINEER
OI D. DAMAN

खण्ड 2क / Clause 2A

क्या खण्ड 2 क लागू होगा
Whether clause 2A shall applicable

हाँ Yes/नहीं No

खण्ड Clause 5

कार्य आरम्भ की तारीख की गणना के लिए स्वीकृति पत्र के जारी होने की तारीख से दिनों की संख्या
Number of days from the date of issue of letter of acceptance for reckoning date of start

_____ दिन days

खण्ड Clause 10CC

खण्ड 10 गग उन सविधाओं पर लागू होगा जिरामें कार्य समापन की अवधि, अगले कालम में दर्शाई गई अवधि से अधिक अनुबंधित है।

Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period show in text column

_____ महीने months

खण्ड Clause 11

कार्य निष्पादन के लिए अनुपालन किए जाने वाले विनिर्देश
Specification to be followed for execution of work

CPWD (VOL-I & II)

खण्ड Clause 12

12.2 & 12.3 विचलन सीमा जिसके परे खण्ड 12.2

तथा 12.3 भवन निर्माण कार्य के लिए लागू होंगे

Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work

12.5

वह विचलन सीमा जिसके परे खण्ड 12.2

तथा 12.3 नींव कार्य के लिए लागू होंगे

Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work

खण्ड Clause 16

घटी हुई दरें निर्धारित करने के लिए प्रमाणिककारी
Competent Authority for decision to be decided by

Executive Engineer, O
EXECUTIVE ENGINEER
OIDC LTD. DAMAN

खण्ड- 18 Clause 18

कार्यस्थल पर ठेकेदार द्वारा लगाये जाने वाली अनिवार्य मशीनों, औजारों व प्लांटों की सूची-

List of mandatory machinery, tools & plants to be supplied by the contractor at site:-

1. 2.
3. 4.
5. 6.

खण्ड Clause 36 (i)

क्रम सं० Sl. No.	तकनीकी प्रतिनिधि की न्यूनतम योग्यता Minimum Qualification of Technical Representative	विधा Discipline	प्रदर्शन (प्रमुख तकनीकी/ तकनीकी प्रतिनिधि Designation (Principal Technical /Technical representative)	न्यूनतम अनुभव Minimum Experience	संख्या Number	खण्ड 36 (i) के प्रावधानों को पूरा न किए जाने की स्थिति में ठेकेदार से की जाने वाली वशूली की दर Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						अंकों में Figures	शब्दों में Words
1.							
2.							
3.							

सरकारी सेवा से सेवानिवृत्ति के सहकार्य इंजीनियर जो डिप्लोमाधारक हों, ग्रेजुएट इंजीनियर के बराबर माने जाएंगे।
Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

खण्ड Clause 42

- (i) (क) के. लो. वि. वि. द्वारा मुद्रित दिल्ली दर अनुसूची के आधार पर सीमेंट और बिटुमन की अनुमानमूल मात्रा निर्धारित करने के लिए अनुसूची/विवरण _____
- (i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates _____ printed by C.P.W.D.
- (ii) अनुमानमूलक मात्राओं में अनुमत विचलन
Variations permissible on theoretical quantities.
- (क) सीमेंट जिन कार्यों के लिए निविदा में अनुमानित मूल्य रु. 5 लाख से अधिक न हो
(a) Cement for works with estimated cost put to tender not more than Rs. 5 lakhs 3 प्रतिशत कम/अधिक
3% plus/minus
- जिन कार्यों के लिए निविदा में अनुमानित मूल्य रु. 5 लाख से अधिक हो
for works with estimated cost put to tender more than 5 lakhs. 2 प्रतिशत कम/अधिक
2% plus/minus
- (ख) बिटुमन सभी कार्यों के लिए
(b) Bitumen for all works. 2.5 प्रतिशत केवल जमा और ऋण के पक्ष में शुद्ध
2.5% plus only & nil on minus side
- (ग) इस्पात प्रत्येक व्यास, कोट और अनुप्रस्थ काट के लिए पुनर्बलन और संरचनात्मक काट के लिए
(c) Steel Reinforcement for structural sections for each diameter, section and category 2 प्रतिशत कम/अधिक
2% plus/minus
- (घ) सभी अन्य सामग्रियां
(d) All other materials शून्य
Nil.

**अनुमत विचलन से अधिक की मात्राओं के लिए वसूली दरें
RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION**

क्रम सं. Sl. No.	मद विवरण / Description of Item	अंकों और शब्दों में वह दर जिस पर ठेकेदार से वसूली की जाएगी Rates in figures and words at which recovery shall be made from the Contractor	
		अनुमत विचलन से अधिक आधिक्य Excess beyond permissible variation	अनुमत विचलन से अधिक उपयोग बटाया Less use beyond the permissible variation
1.	सीमेंट Cement	N.A.	N.A.
2.	इस्पात पुनर्बलन Steel reinforcement		
3.	संरचनात्मक काट Structural Sections		
4.	नि:शुल्क निर्गत बिटुमन Bitumen issued free		
5.	निर्धारित निश्चित कीमत पर निर्गत बिटुमन Bitumen issued at stipulated fixed price		

Correction Slip for Form CPWD 7/8

Incorporating Corrections upto DGW/CON/179 dt. 4.4.2003

1. Page 2, Form CPWD 7/8, Para 2, the following amendment shall be made :

Existing	Amendment/Now Introduce
We agree to keep the tender open for Ninety (90) days from the due date of submission thereof and not to make any modifications in its terms and conditions.	We agree to keep the tender open for Sixty (60) days from the due date of submission thereof and not to make any modifications in its terms and conditions.

[Vide DGW/CON/174, dt. 6.2.2003 read with DGW/CON/176 dt. 28.2.2003]

2. Page 2, Form CPWD 7/8, Last Para, starting with the words "I/We have already furnished" and ending with the words "contract or otherwise" shall be deleted.

[Vide DGW/CON/174, dt. 6.2.2003 read with DGW/CON/176 dt. 28.2.2003]

3. Page 3, Form CPWD 7/8, Para 2, line 2 and 3, the following amendment shall be made:

Existing	Amendment/Now Introduce
Of tender shall be absolutely forfeited to the President of India and the same may at the	Of tender and performance guarantee shall be absolutely forfeited to the President of India and the same may at the

[Vide DGW/CON/174, dt. 6.2.2003 read with DGW/CON/176 dt. 28.2.2003]

4. Page 6, Schedule F, the following correction shall be made :

Existing	Amendment/Now Introduce
(i) Earnest money : Rs.....	(i) Earnest money : Rs.....
(ii) Nil	(ii) Performance guarantee : 5% of tendered value
(iii) Security Deposit : 10% of tendered value subject to maximum of Rs. 5 lakhs.	(iii) Security Deposit : 5% of tendered value

[Vide DGW/CON/174, dt. 6.2.2003]

5. Page 7, Schedule F, Clause 5, the 'Milestones' as per Table given below shall be added :

Table of MileStone(s)

S.No.	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non-achievement of milestone
1			
2			

OR

S.No.	Financial Progress	Time Allowed (from date of start)	Amount to be with-held in case of non-achievement of milestone
1.	1/8th (of the whole work)	1/4th (of the whole work)	In the event of not achieving the necessary progress as assessed from the running payments, 1% of the tendered value of work will be withheld for failure of each milestone.
2.	3/8th (- do -)	1/2 (- do -)	
3.	3/4th (- do -)	3/4th (- do -)	
4.	full	full	

[Vide DGW/CON/174, dt. 6.2.2003]

6. Page 7 and 8, Clause 12, Schedule F, the following amendment shall be made.

Existing	Amendment/Now Introduce
Clause 12 12.1.2 (iii) Schedule of rates for determining rates for additional, altered or substituted items that cannot be determined under 12.1.2 (i) & (ii). 12.1.2 (iii) Plus/minus the % over the rate entered in the schedule of rates. 12.1.2(vi) A Deviation limit beyond which sub-clauses (i) to (v) shall not apply and clauses 12.2 & 12.3 shall apply. 12.1.2 (vi) B (a) Limit for value of any item of any individual trade beyond which sub-clauses (i) to (v) shall not apply and clauses 12.2 & 12.3 shall apply.	Deleted Deleted Deleted Deleted
Clause 12.2 & 12.3 Nil	Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work
Clause 12.5 Nil	Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work
<i>Note : Deviation limit shall be 30%, 50%, 100% as per O.M. No. DGW/CON/82, dated 20.4.1995.</i>	

[vide DGW/CON/175 dt. 26.2.2003]

7. Page 10, Clause 42, Schedule F, 'Recovery Rates for Quantities beyond permissible variation', the following amendment shall be made.

Existing	Amendment/Now Introduce
Rates in figure and words at which recovery shall be made from the contractor Excess beyond permissible variation Less use beyond the permissible variation	Rates in figure and words at which recovery shall be made from the contractor Rate in schedule "B" plus 10% in case materials issued by department Excess beyond permissible variation Less use beyond the permissible variation

[Vide DGW/CON/175 dt. 26.2.2003]

FORM 'A'

DETAILS OF ALL SIMILAR WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING LAST DAY OF THE MONTH i.e. 31.12.2007.

SL. NO.	DESCRIPTION	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007
1.	Name of work/project and location							
2.	Owner or sponsoring organization							
3.	Cost of work in Rs. (Completion cost)							
4.	Date of commencement as per completion							
5.	Stipulated date of completion							
6.	Actual date of completion							
7.	Litigation/Arbitration pending/in progress with details**							
8.	Name and address/telephone of officer to whom reference may be made.							
9.	Remarks							

** Indicate gross amount claimed and amount awarded by the Arbitrator.

Signature of Tenderer

Contractor's Signature

Executive Engineer, OJDC, Daman

FORM "B" Financial Information

Financial Analysis - Details to be furnished duly supported by figures in Balance sheet / Profit and loss Account for the last five years duly certified by the chartered accountant as submitted by the Tenderer to the Income - Tax Department (Copies to be attached)

Turnover in last seven Financial years								
Turn over in Rs. Lakhs (T)	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	Average for last three years <small>years</small> =(T5+T6+T7)/3
	T1	T2	T3	T4	T5	T6	T7	
Turn over in Rs. Lakhs								
Profit/Loss								
Financial Position								
Value of A = Max of T1 to T7 Bid Capacity Confirmation Value of A = _____ where N= 1.5 Value of B = (Refer Form C) Capacity (Rs. In lakhs) = (A x N x 2.0 - B)					The following certificates are enclosed: - a) Solvency Certificate from Bankers of Tenderer. (Banker's certificate in original in the specified format to be appended to this Form "B".			

- II Financial arrangements for carrying out the proposed work
- III The following certificates are enclosed: -
 - a) Solvency Certificate from Bankers of Tenderer. (Banker's certificate in original in the specified format to be appended in Form "A1".
 - b) Valid registration and clearance certificate for the VAT / WCT from the Sales Tax Department

Signature of Chartered Accountant

(Signature of Tenderer)

Contractor's Signature

Executive Engineer - I (D), Dams

Form of Solvency Certificate from a Scheduled Bank (B-1)

This is to certify that to the best of our knowledge and information M/s/Sri having marginally noted address, a customer of our bank are/is respectable and can be treated as good for any engagement up to a limit of Rs.....(Rupees.....).

This certificate is issued without any guarantee or responsibility on the Bank or any of the officers.

(Signature)

For the bank with seal

Note: In case of partnership firm, certificate to include names of all partners as recorded with the Bank

Contractor's Signature

Executive Engineer, CHDC, Daman.

FORM 'C'

Works / Projects under execution or awarded as on -----

Sl. N.	Name of work/project and location	Owner or sponsoring organization	Cost of work in Crores	Date of commencement as per contract	Stipulated date Of completion
1	2	3	4	5	6

Actual date of completion	Litigation / arbitration pending/in progress with details*	Name and address/ Telephone number of officer to whom reference may be made	Remarks (Indicate whether any show cause notice issued or arbitration initiated during the progress of work).
7	8	9	10

Signature of Tenderer

Contractor's Signature

Executive Engineer, C&P, Panaji

FORM "D"

Performance report of works referred to in form "A & "C.

1. Name of work / Project & Location
2. Agreement No.
3. Estimated Cost
4. Tendered Cost
5. Date of Start

6. Date of Completion
 - i) Stipulated Date of Completion
 - ii) Actual Date of Completion

7. Amount of compensation levied for delayed completion, if any.

8. Levy of compensation not decided.

9. Amount of reduced rates Items, if any

10. Performance Report
 - i) Quality work Very Good/Good/Fair/Poor
 - ii) Financial soundness Very Good/Good/Fair/Poor
 - iii) Technical proficiency Very Good/Good/Fair/Poor
 - iv) Resourcefulness Very Good/Good/Fair/Poor
 - v) General Behaviour Very Good/Good/Fair/Poor

Date:

Executive Engineer or Equivalent

* In case levy of compensation has not been decided yet, the same should be mentioned as levy of compensation not decided yet.

Signature of the Tenderer/ Contractor

Contractor's Signature

Executive Engineer, OJDC, Daman.

FORM "E"

Structure and organization

Sl. No	Description	
1	Name and address of the Tenderer	
2	Telephone No. / Telex No. / Fax No.	
3	Legal Status [Attach copies of original document defining the legal Status The Tenderer is (a) An Individual (b) A proprietary firm (c) A Firm in Partnership (d) A Limited Company or Corporation	
4	Particulars of registration with various Government Bodies. (Attach Attested Photo Copy) Organization/place of Registration i) ii) iii)	Registration Number
5	Names and Title of Directors and Officers with designation Concerned with this work	
6	Designation of individuals authorized to act for the organization	
7	Was the applicant ever required to suspend construction for a period of more than six months continuously after he commenced the Construction? If so, give the name of the project and reasons Thereof	
8	Was the applicant or his constituent partner ever abandoned the work awarded to him incomplete? (If so, give name of the project and reasons for abandoning the work	
9	Was the applicant or his constituent partner been debarred/ black listed for tendering in any organization at any time? If so, Give details.	
10	Was the applicant or any constituent partner in case of partnership firm, ever been convicted by a court of law? If so, give details.	
11	In which field of Civil engineering the applicant has got specialization and interest?	
12	Any other information considered necessary but not Included Above.	

Signature of Applicant (S)

Contractor's Signature

Executive Engineer, OIDR, Chennai.

FORM "E-1"

Details of Technical and Administrative personnel to be employed for the work

Designation	Total number	Number Available. For this work	Name	Qualification	Professional and details of work carried out	How these would be involved in this work	Remarks
2	3	4	5	6	7	8	9
Project Manager							
Material / Planning Engineer (s)							
Quality Control & Site Engineer(s)							
OTHERS							

The Tenderer shall list out the details of Project Manager, Material/Planning Engineer, Quality Control/Site Engineers etc. having experience in Building & Development & Electrical works, along with their qualifications (Graduate Engineer/Diploma holder) proposed to be deployed for the project

Signature of Tenderer(S)

Contractor's Signature

Executive Engineer, OJDC, Daman.

FORM "F"

Details of construction plant & equipment likely to be used in carrying out the work

S. No.	Name of equipment	Nos.	Capacity or Type	Age	Condition	Ownership Status			Current location	Remarks
						Presently Owned	Hire /Leased	To be purchased		
1	2	3	4	5	6	7	8	9	10	11
1	Tower Cranes/Lifting equipment									
2	Vibratory Tables									
3	Hopper mixers									
4	Dumpers									
5	Road Rollers 8 –10 ton									
6	Vibratory Roller 8 – 10 ton									
7	Tandem Roller 6 – 8 ton									
8	Steel scaffolding									
9	Moulds for precast									
10	Plate vibrators									
11	Earth Compactors									
12	Generator 60 KVA & above									
13	Material handling									
14	Weigh batch mix plant of required capacity									
15	Others									

Signature of Tenderer

Contractor's Signature

Executive Engineer, OHDC, Daman.

ADDITIONAL CONDITIONS

In the case of percentage rate tender invited on Form-PWD-7 the should quote his rates only in one language i.e. in English. Rate should be quoted in figures as well as in words.

"SPECIAL CONDITION REGARDING WATERPROOFING AND ANTI-TERMITE TREATMENT"

The successful tenders shall get the item of waterproofing and Anti-termite executed by the approved waterproofing and anti-termite agencies and should furnish a 10 years guarantee certificate.

"ADDITIONAL CONDITION"

"The contractors shall deposit royalty and obtain necessary permit for supply of red bajri, stone kackar and other Minor material like laterite, basit, river sand, brick earth etc. from local authorities and shall communicate to the director of Industries & Mines, Govt. of Goa, Daman and Diu the particulars of the above minor material from time to time in the course of the execution of the work copy of the said communication shall be addressed to the Division and sub-division and concerned in any case before the preparation of the final bills."

"The Hindi version of PWD 7" pamphlet is only for guidance of the contractor only the English version along with correction shall form the basis for any interpretations etc.

IN the C.P.W.D. standar contract from Nos. 6/7 and 8 following expressions shall, unless the context otherwise requires stand substituted as given below :

Existing Expression	Substitued as
1. Central Public Works, Department	M/s. O.I.D.C. of Daman & Diu and Dadra & Nagar Haveli Ltd.
2. Engineer-in-Charge/Chief Engineer Central Public Works Department	General Manager (Constn.)/Executive Eigineer, Construction Division, OI DC Ltd.
3. Delhi Schedule of Rates OR Gujarat Schedule of Rates	Gujarat schedule of Rates applicable to Bulsar / Surat R & B Circle.

TENDERER

ENGINEER IN CHARGE

ADDITIONAL CONDITIONS

1. Issue of materials :

- a) The materials shall be issued to the contractor, at the place of deliver as mentioned at the page No. 30. If these are delivered at any other site the difference due to cartage will be adjusted accordingly. The contractor shall have to cart at his cost the materials to the site of work as soon as these are issued. The materials shall be issued between the working hours and as per rules of the Corporation godown as framed from the time to time.
- b) The contractor shall bear all incidental charges for carriage storage and safe custody of materials. No reimbursemt of the expenses will be made by the Corporation.
- c) The Contractor shall construct suitable godown at the site of work for storing the material safe against damage of sun, rain dampness fire, theft etc. He shall also employ necessary watch and ward establishment for the purpose.
- d) Cement bags shall be stored in separate godowns with pucca floor and whether proof roots and walls. Each godowns shall be provided with single door with two locks. The keys of one lock shall treamin with Junior Engineer Or Engineer in charge of work and that of the other lock with the authorised agent of the contractor at the site of work so that within the knowledge of both parties.

The cement bags shall be stacked by the contractor in a separate godown having weather proof roof and walls and on proper floor consisting of 2 layers of dry bricks laid on well consolidated earth at a levele of atleast 30 cms. above the ground level. These stacks shall be rows of 2 deep and 10 high with a minimum of 60 cm. Clear space around the bags should be placed horizontally continuous in each line as shown in the accompanying sketch.

The day to day receipts and issue accounts of cement shall be maintainence by the Engineer in charge and signed daily by the contractor or his authorise agencies.

TENDERER

ENGINEER IN CHARGE

e) M. S. bar flats, laces, angles etc. shall be issued, if specified in the in lengths as available in the stores and no claims on this account shown on entertained M.S. Bar, shall be payable for straightening the bars.

2. Materials obtained from dismantlement : The Contractors in the course of their work, should understand that all materials (e.g. stone and other materials) obtained in the work of dismantling excavation etc. will be considered Corporation's property and issued to the contractor (if they require the same for their own use) at rates approved by the G.M. (Constn.) If these materials are not required by them they will be disposed off to the best advantage of Corporation.

3. Delay in obtaining materials by the Corporation, owing to difficulty in obtaining certain materials in the open market the Govt. have undertaken to supply materials specified on page of the tender forms at rates stated therein. There may be delay in obtaining the materials by the Corporation, and the contractor is therefore required to keep himself in touch with the day to day position, regarding the supply of materials works that their labour may not remain idle nor may there be any other claim due to or arising from delay in obtaining the materials. It should be clearly understood that no claim whatsoever shall be entertained by the Corporation on account of delay in supplying materials.

3.A The RCC hume pipes shall be laid only with the help of mechanical hoisting arrangements, such as chain-pully mounted on tripod, crane mounted with chain system etc. The machines used for laying the pipes shall be got approved from the Engineer in charge. No pipe shall be allowed to be lowered and laid in the excavated trenches by rolling and dropping from the ground. The work of bringing the pipes to the place of its laying from the any corner or place as and where these are now lying, and lowering and laying to its actual specified position at designed levels shall be done in such manner, as may be approved by the Engineer in charge, so that no breakage or damage of any kind occurs to the structural soundness and strength of the pipe.

TENDERER

ENGINEER IN CHARGE

3.B All RCC works including casting cement concrete mix shall be done with the prior approval and consent and in the presence of at least the Junior Engineer of the Corporation.

3C The joints of the RCC pipes with specified contact mortar shall be done all around the pipes externally as well as internally and in the presence of at Field Manager of his authorised subordinate.

No work will be executed on Sundays & holidays without prior approval of the engineer in charge.

4. Any damage to work resulting from trains or from any of the cause until the work is taken over by the Corporation after completion will be made good by the contractor at own cost.

5. The contractor shall or himself acquainted with the nature on extent of the work and satisfy himself about the availability of quarry and or kiln for collection and conveyance of materials required for the construction. The contractors quoted rates should take into account all these factors and any extra lead for collection and conveyance of materials for any reasons whatsoever will not be allowed.

6. The contractor will be permitted to set up labour camp only before a week from the commencement of work and not exceeding fifteen days after the completion of work.

7. Cooly camps shall not be created at the site of the work nor labourer shall be allowed to live at sit. Cooly camps should be created only one one of the sites set apart for this purpose. This site shall be taken on lease by the contractor and in addition to the Health Department for the services render by the staff of the Department.

8. The Contractor shall confirm to the provision of any Govt. Acts which relate to works and to the regulations and by-laws of any local authorities. The contractors shall give all notices required by the said acts or laws etc. and pay all fees payable to the local authorities.

9. Where surplus earth of a suitable quality exists at the site of work, the contractor shall be allowed to use the same free of cost making mud mortar for masonry and for laying mud terracing over the roof. The Engineer in charge shall be final authority to decide whether the

TENDERER

ENGINEER IN CHARGE

earth obtained from excavation is surplus or not. (10) The contractor shall not employ man below the age of 18 and women on of painting with products containing lead in any form. Whenever men above the age of 18 are employed on the work of lead painting, the following principles must be observed for such use.

11. a) Measures shall be taken wherever practicable to prevent danger arising from dust caused by dry rubbing down and scraping.
 - b) Adequate facilities shall be provided to enable working painters to wash clothing on cessation of work.
 - c) Suitable arrangements shall be made to prevent clothing off during working hours from being soiled by materials.
 - d) Case of lead poisoning and of suspected lead poisoning shall be notified and shall be subsequently verified by a medical man adopted by the competent authority of the PWD, Daman & Diu.
 - e) The Corporation may require, when necessary, a medical examination of workers.
 - f) Instruction with regard to the special hygienic precautions to be taken in the painting work shall be distributed to working painters.
12. Deduction of 2.3% (two point three percentage) income tax from the gross amount of each amount of bill of the contractor shall be made as per provisions of section 194-C of the Income Tax Act, 1961.
13. Agreement of local labour :
- a) The contractor shall employ labour so that not less than 80% of the total labourers employed by him on the works are from the Union Territory of Daman & Diu and Dadra & Nagar Haveli. Explanation : Local labour means labourers staying in the Union Territory of Daman/Diu/Dadra Nagar Haveli for atleast three years prior to his engaging them in the work, duly certified by Mamiadar Village Panchayat.

TENDERER

ENGINEER IN CHARGE

- b) The local labour shall be recruited through the agency of employment exchange of original Trade Union or Labour Contractors registers registered with Labour Commissioner.
- c) The Engineer in charge shall have powers to relax the percentage as prescribed at Sr. No. 18(A) of PWD 9, if the contractor produces a certificate, issued by the above agencies in regard to Non-availability of local labour.
- d) The contractor shall for the purpose of this connections keep such registers and other documents as necessary to show that he has employed local labour and shall allow inspectin of the same by a duly authorised representative of Government and further shall at the request of the Engineer incharge furnished periodical labour reports in the proforma prescribed by him.
- e) The contractor whose tender will be accepted will have to submit his schedule of monthly payment to the Corporation to be made to him till completion of work for the facility of payment smoothly.

Signature of Contractor

General Manager (Constn.)/Exe.
O.I.D.C., D.D. & DNH

TENDERER

ENGINEER IN CHARGE

ADDITIONAL CONDITION AND SPECIFICATIONS

1. All works shall be executed as per I.S.I. Codes of practice and C.P.W.D. specifications vol. I VII.II / month with upto date correction slips.
2. Tenders which show departure from the N.I.T. stipulations and which are conditional will be summarily rejected.
3. The rate quoted shall be for through rates for the furnished items, of works inclusive of royalties, taxes, loads, lifts, plant equipment, machinery required for the work, labour charges, etc. cost of all materials and all other incidental charges etc. complete. No extra claim in this regard shall be entertained.
4. The contractor shall be entirely responsible for procuring all materials at all necessary plant, equipment machinery etc. required for the work. Delay in completion of work on account of this will not be considered as an excuse or a reason for extension of time.
5. Adequate arrangement shall be made by the contractor for dewatering the foundation trenches and excavations and keeping the same while the work is in progress and as required by the General Manager (Constn.) or his authorised representative.
6. The rates quoted shall include the cost of dewatering. Complete bailing out of water etc. required for all the items of work required to be carried out and upto the complete construction of the structure and also should cover the time required for passing foundations and taking measurements of all works done unless specially provided for in the schedule of quantities.
7. The rates quoted shall include the cost of the construction and maintenance of any (a) shoring, (b) coffer dams (c) bents (d) dams (e) channels or other devices necessary for diverting the flow of water or any such items, of any sort whatsoever required to prevent water entering the foundation trenches and excavation.
8. No extra rates shall be paid for removing any stuff of any sort out side what might find access by plowing or by any other reason whatsoever from the sides or bottom of the

TENDERER

ENGINEER IN CHARGE

foundation trenches and excavation from elsewhere when the unwatering operations are in progress.

9. The contractor will make own arrangement for the necessary plants such as pumps, engines, other machinery and all other matter and materials required in this connection.
10. Any error in description, quantity of rates in schedule of works/items or any commission there from shall not mitigate the contract or release the contractor(s) from the execution of the whole or any part of the works comprised therein according to drawing and specifications from any of this obligations contract.
11. The rate quoted by the contractor for all items of works taking into consideration interference of tides and no extra claims in this regard shall be entertained.
12. The plans and drawings connect with the works should be seen by the contractors before tendering, for the work which will be available in the office of the Executive Engineer O.I.D.C., _____ Nani Daman and the contractors are supposed to have acquainted themselves with the plans, drawing and reinforcement of concerned works.
13. The work will however be carried out strictly in accordance with the standard specifications of the C.P.W.D. Volume I for New year ____ and Volume II of year ____ New Delhi corrected upto date including mode of measurement mentioned therein.

In case of any discrepancies arising between.

1. Schedule of quantities in agreement
2. Schedule of rates.
3. Indian Standard Specifications
4. Specifications (General)
5. Additional specifications
6. Morth specification.

The following will be precedence.

1. Schedule of quantities
2. Morth Specification
3. Additional specifications
4. Specification (General)
5. Indian Standard Specifications
6. Schedule of rates
7. The classifications and mode of payment for saturated soil shall be under

Asphalt to be applied/consumed in presence of authorized representative of O.I.D.C.

TENDERER

ENGINEER IN CHARGE

The Presence of O.I.D.C. staff does not abolve the contract from his obligations to correctly/rescisly delivers best mix in grading & Ashphalt control. Any variation ___ contractor or only is sole responsible. Beofre final bil the laboratory result from mix obtain From site will have to be satisfy thenorms.

14. Sturated Soil :

Excavation in all kinds of soil except hard rock below the sub soil water level shall be classified as saturate soil, trial pits shall be dug in the area where excavation is required to be done. The steady water level in the trial pits before the pumping or balling operations are started shall be considered as the sub soil water level in that area. Where springs are encountered the steady water level in the proposed area of excavation shall be considered as the sub soil water level. The sub-soil level thus arrived at as above shall be the one immediate to the actual start of the excution operations. Where there is a time lag, between the observations of sub soil water level and that of the ctual start of the excavation shall only be considered for the purpose of classifications of sturated soil.

The sub water level shall be observed and recorded once a week during excavation and the contractor is required to sign the same in token of acceptance and that the classification of saturated soil and payment shall be made according to such level.

15. It is impressed upon the contractor that they will have to produce very good workmanship strictly according to the specification and no piea will be heard that they are not able to get good workers/for the purpose required machineries, etc.

16. While tendiring for the work the contractor is supposed to have the site of work and no special claim on accunt of difficulty arising due to the situation of the site will be enteriained.

17. The contractor will sign the following registers either by himself or through his authroised representative.

- (1) Cement register /Asphalt register-stock OB-CB (daily)
- (2) Log Book
- (3) Pains Register

TENDERER

ENGINEER IN CHARGE

- (4) Testing of materials register
- (5) Road metal consolidation register
- (6) The site order book
- (7) Daily progress report

18. The contractor shall also be responsible for watchman. If the contractor fails to provide sufficient fencing, lighting, watching to the satisfaction of the Engineer in charge, the latter will after notice to the contractor provide sufficient fencing, lighting and watching and shall not relieve the contractor from the responsibilities for damage caused by failing on his part.

19. The contractor will have to take permission and settle rates with the owners for use of vacant land for storage of materials.

20.(a) No extra payment will be made for balling out water which may be necessary for the purpose of carrying out the work whether the work is sub soil water or rain water unless otherwise mentioned in the item of agreement.

20.(b) Division of water course during construction of the bridge shall be made and maintained by the contractor at his cost, when required and nothing extra shall be paid towards this.

21. Any damage to work, materials and tools and plant resulting from rains, floods or from any other cause not in the contract of corporation will be made good by the contractor at his own expense.

22. The contractor will construct and maintain the requisite number of masonry bridges necessary for proper setting out of the work at his own cost.

23. The contractor shall bear octroi charges, if any, on materials that he brings to the site.

24. The contractor shall be responsible for keeping public roads, and paths, clear of all earth and rubbish at his own expenses.

25. Precautions to be taken : A barrier of verriers should be placed on the road where work is to be done to block it at places best suited to the traffic. A notice board (Road closed) shall

TENDERER

ENGINEER IN CHARGE

be placed at each barrier by day and provide by red lantern during night. A notice indicating the direction of traffic should also be shown.

26. The contractors shall check the materials approved by the Engineer in charge or his authorised representative before putting them to use in the work, in the event of some portions of the materials, not being upto the specifications, remains rejected, the contractor shall forth with remove the same from the site of work within 3 days falling when the Engineer in charge or his authorised representative shall be at liberty to dispose off the same at the risk and cost of the contractor.

27. The rates are inclusive of all leads, lifts and depths unless otherwise specified in the schedule of quantities attached at page _____ to _____ of agreement.

28. The rates for all items of works shall unless clearly specified otherwise include cost of all labour materials takes and other inputs involved in the execution of the items.

TENDERER

ENGINEER IN CHARGE

ADDITIONAL SPECIFICATION

1. The locally best available bricks shall only be allowed subject to the following conditions.

The bricks should not absorb water more than 25 percent for their own dry weight after one hours immersion in cold water, the standard size of the bricks shall be 225mm x 100 x 63 mm (9") x 2" x 4" x 1/2"). A tolerance of 5 mm in each direction shall be permitted and the brick shall be provided with frogs. The bricks shall minimum crushing strength of 35 kg/cm² (class designation 50 of C.P.W.D. specification Vol. I 1997).

2. Finishing over RCC work shall be as per the details mentioned at para 5.5.0 of C.P.W.D. specification Vol. I. The terms 'Rendering' means finishing with cement plaster 1:3 (1 cement : 3 fine sand) of thickness not exceeding 6 mm.

3. Mild steel bars shall be supplied by the Corporation where so stipulated in the contract. In case issue of steel by the corporation is not stipulated in the tenders the same shall be arranged by the contractor. The mild steel bars conforming I.S. 432-19____ or as revised from time to time from Grade-I steel is not available the Engineer in charge may be in special cases permit the use of Grade II steel in which case 10 percent more steel shall be used for which not extra payment shall be made.

4. All finished bars shall be clearly rolled to dimension and weight specified. They shall be sound and free from cracks, surface flaws, laminations, rough jagged and imperfect edges and any other defects and shall be finished in a work man like manner. - The chemical compositions of steel will however conform to requirement to _____

5. The contractor shall be required to produce a test certificate in support of grade-I or Grade-II steel cement, asphalt and other used material brought to the site and whenever 20 tonnes or more of steel bars are required the Engineer in charge shall be at liberty to inspect and verify the steel makes certificate of cost analysis at the premises of supplier and the contractor shall arrange for sub inspection immediately when asked for.

TENDERER

ENGINEER IN CHARGE

6. The Engineer in charge or his authorised representative shall select the samples at the rate of two sample from every ten bundle or part thereof. And sample be duly tagged, numbered and kept with the Engineer in charge and the corresponding sample shall be sent to Government Test House of C.P.W.D. Laboratory. The cost of steel and other incidental charges such as handling the cartiage to the testing laboratory etc. shall be borne by the contractor. The testing fee for the mild steel bars, if any shall be borne by the Corporation.

7. The contractor shall bring I.S.I. Mark cement from the company/authorised dealer along with paid bills.

Signature fo Contractor

OIDC Ltd., Daman.

TENDERER

ENGINEER IN CHARGE

DECLARATION

I the undersigned, hereby solemnly declare that my no following relative are employed in non-gazetted post in O IDC Ltd. This delcaration is based on my best of the personal knowledge upto this day.

Sr. No.	Name of relative employed	Particulars of division/Sub Division employed	Post	Remars

Date :

Signature of Contractor

TENDERER

ENGINEER IN CHARGE

LIST OF APPROVED MAKES OF MATERIALS

All material to be used in the work shall conform to relevant Indian Standard Specifications and whenever available ISI marked material only will be used. All material procured shall be subjected to relevant test specified in B.I.S. at the frequency specified therein from any Government recognized laboratory. The contractors should distinctly understand that it will be their progressive to insist on using a particular Make / Brand from amongst the approved ones. The final selection will have to be done with the approval of Engineer-in-Charge. The list given below is only indicative and not restricted to brand mentioned. The tenderer may suggest additional brand names if desired. The same may be approved by OJDC provided the tenderer convinces OJDC regarding credential of the supplier. Same shall be brought by the Contractor at site.

List of approved Makes of Materials (Civil)

Sr.No.	Material	Make	Approximate Qty
1.	Cement(OPC)	ACC, Gujarat Ambuja, Ultra Tech, Sanghi or equivalent of major cement plant,53 Grade	
2.	TMT Steel	TSCO, SAIL, RINL or Equivalent	

Signature of Tenderer

General Manager (Cost)

LIST OF MATERIALS OF APPROVED MAKES

Unless identified in the nomenclature, the materials of first/standard quality from the following approved makes are to be used. In case it is established that the brands specified below are not available in the market, contractor shall submit alternative proposal for approval of the Engineer-in-Charge.

S.No.	Description	Approved Manufacture/Brand Name
1.	Ceramic Tiles	Somani, Kajaria, Jhonson, NITCO, Orient
2.	Primers, paints	Nerolac, Asian, Berger, Jonsons & Nicholson
3.	Lime "	Satna, Dehradun
4.	Putty	Shalimar or equivalent
5.	Sanitary ware and fittings	Parryware, Hindware CERA, Neycer, Seabird/Orient (coral)
6.	CI pipes & fitting	RIF, SKF
7.	G.I. Pipes	Jindal, GST, Prakash
8.	Water proofing compound	Mc Bauchemie, CICO, FOSROC, PIDILITE
9.	Glass Panes	Modi, Saint Gobin, Atul, Triveni
10.	GI Fittings	Unik, R, KS
11.	PVC Conduit with ISI marked (Medium Gauge)	AKG/Plaza/Setia/Polyback
12.	PVC insulated Copper Wires	Batra Henley/Finolex/Gloster/Nicco/Plaza R.R. Cables / Polycab
13.	Piano type Switches and Sockets ISI	Anchor/Plaza/Raccoid/CPI/Vinay
14.	MCB/Distribution Boards	Indo Kopp/Standards/MDS/Plaza/Datar/Hager
15.	HRC Fuse	L&T/Siemens/Havel's/GEC/Standard
16.	Phenol Laminated Sheet	Hylum/Formica/Plaza
17.	Water Proof Silicon Paint	GE (SK), Walker / Dow - Corning
18.	MCCB	L&T / Merlin Gerin / Selnens
19.	HDPE Pipes	Rexpolyextrusion / ISI marked
20.	Cable Glands	Dowells / Commet / Gripwell
21.	Thimbles	Action / Dowells / Jainson
22.	Lamps	Osram / Philips / Bajaj
23.	XLPE Insulated cables	Finolex / Polycable / R.R.Cables /CC
24.	Poles	Keselec / Bajaj / Philips
25.	Light Fixtures	Keselec / Bajaj / Philips

Contractor's Signature

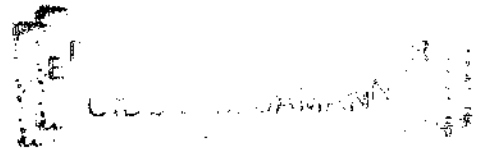
Executive Engineer, D.P. Damani

SPECIAL CONDITION

1. The prospective Contractor shall have to furnish on undertaking in the prescribed formats, copy enclosed herewith, to the Executive Engineer, along with the tender itself.
2. The department shall not be bound to issue any more drawing etc. other than,
Working Drawings submitted by Architect.
if he needs any more details, instructions, clarification etc. other than furnished herein, it shall be obligatory at the part of the Contractor to demand, the same from the Engineer-in-charge, at least, one month in advance, the time of its actual utility and the same shall be clarified, explained, instructed to the contractor in person at the site of the work itself, And, no claims, dispute, of any kind shall be entertained in this regard.
3. It shall be obligatory at the part of the contractor to sing the daily work progress register, site order book, and any other register which the department may like to keep and operate for the purpose of recording the day to day work activities of the contractor, at the site of work. In case of dispute, in the entries recorded by the field staff in such registers, the determination and decision of the Executive Engineer shall be final and binding on the contractor.
4. The assessment/evaluation of the Engineer-in-charge, regarding, quality, quantity, workmanship, progress of work-done, building materials brought on the site of work for execution of the work, shall be final & binding on the Contractor.
5. All the concreting, work shall be compacted and consolidated by means of an vibrator of appropriate size and shape, to be provide, operated through a skilled operator of the contractor.
6. It shall be obligatory at the part of contractor to intimate, at least a week in advance, to the Engineer-in-charge about execution of item of hidden measurements stacking of building materials at the site of works, for enabling him to inspect and exercise the test check of the same, before covering, spreading the same.

7. It shall be obligatory at the part of the prospective tenders to attend the Pre-tender conference It required without fail, to get clear, the confusion, doubts, regarding the description, units quantity etc. of the schedule items under schedule 'B' of tender document and alos, get clarified the doubts, discrepancy in drawings & the schedules if there is any, in the minds of the prospective tenders, before submitting their tenders otherwise, the tenders of defaulting Tenderers may be summarly rejected and set a side.
8. It will be obligatory at the part of the contractor to screen & wash the sand, if it is stipulated for use in construction work by way of sand screening & washing machine, which be provide by the Department on Higher bases, if the contractor is not in a position to manage him self.

Signature of contractor.



satisfaction of the Engineer-in-charge, within the stipulated Tim-limit and as per the direction, & work for any reason, and also, shall not create any dispute, claim of conformation of any kind with the Department, for completion of this work at my tendered amount only.

SIGNATURE OF THE CONTRACTOR

DATE :

PLACE :

To

The Executive Engineer.

NAME OF WORK :-
 CONSTRUCTION OF COASTAL POLICE STATION @ DAMANWADA, MOTI DAMAN,
 DAMAN.

SCHEDULE 'B'

S.N.	DESCRIPTION	QUANTITY	UNIT	RATE IN FIGURE	RATE IN WORDS	AMOUNT IN FIGURE
1	Excavation for foundation up to 1.5 mt depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 M lead including all materials & labour charges as directed by Engineer in Charge (A) Loose or soft soil.	177.00	cu.mt.			
2	Excavation for foundation from 1.5 mt to 3.0 mt. depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 M lead including all materials & labour charges as directed by Engineer in Charge (A) Loose or soft soil.	64.00	cu.mt.			
3	Filling in foundation and plinth with brick bats/ chhara in layers of 20 cm thickness incl. watering, ramming and consolidating etc. including all materials & labour charges as directed by Engineer in Charge	77.10	cu.mt.			
4	Providing & laying cement concrete 1:3:6 (1 cement : 3 sand : 6 hand broken stone aggregates 40 m.m. nominal size) and curing complete excluding cost of form work in : (A) Foundation and Plinth	30.00	cu.mt.			
5	Filling in foundation and plinth with murrum or selected soil in layers of 20 cm thickness incl. watering, ramming & consolidating etc. complete.	119.00	cu.mt.			

CONTRACTOR

ENGINEER IN CHARGE

449

6	Providing & laying cement concrete work 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregates 20 m.m. nominal size) and curing complete, including cost of form work and without reinforcement for reinforced concrete work including all materials and labours complete as directed by Engineer in charge in (A) Foundation, footings, base of columns and mass concrete.	25.00	cu.mt.	
7	Providing & laying cement concrete work 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregates 20 m.m. nominal size) and curing complete, including cost of form work and without reinforcement for reinforced concrete work including all materials and labours complete as directed by Engineer in charge in (A) Beams (ii) Having cross sectional area 0.05 to 0.08 sq.mt	15.00	cu.mt.	
8	Providing & laying cement concrete work 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregates 20 m.m. nominal size) and curing complete, including cost of form work and without reinforcement for reinforced concrete work including all materials and labours complete as directed by Engineer in charge in (B) Columns (iii) Having cross sectional area more than 0.12 sq.mt and upto 0.18 sq.mt.	14.20	cu.mt.	
9	Providing & laying cement concrete work 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregates 20 m.m. nominal size) and curing complete, including cost of form work and without reinforcement for reinforced concrete work including all materials and labours			

CONTRACTOR

ENGINEER IN CHARGE



	complete as directed by Engineer in charge in							
	(iii) Slabs having more than 10cm and upto 13 cm Thickness	32.50	cu.mt.					
10	Providing & laying cement concrete work 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregates 20 m.m. nominal size) and curing complete, including cost of form work and without reinforcement for reinforced concrete work including all materials and labours complete as directed by Engineer in charge in Floor Beams (i) Having cross sectional area 0.05 to 0.08 sq.mt	18.54	cu.mt.					
11	Providing & laying cement concrete work 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregates 20 m.m. nominal size) and curing complete, including cost of form work and without reinforcement for reinforced concrete work including all materials and labours complete as directed by Engineer in charge in Staircase	2.00	cu.mt.					
12	Providing & laying cement concrete work 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregates 20 m.m. nominal size) and curing complete, including cost of form work and without reinforcement for reinforced concrete work including all materials and labours complete as directed by Engineer in charge in Lintel	2.50	cu.mt.					
13	Providing & laying cement concrete work 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregates 20 m.m. nominal size) and curing complete, including cost of form work and without reinforcement for reinforced concrete work including all materials and labours complete as directed by Engineer in charge in Chajja / Pardi	2.40	cu.mt.					
14	Providing TMT FE - 415 bar reinforcement for RCC							

:CONTRACTOR

ENGINEER IN CHARGE

	work including bending & placing in position complete upto floor two level, including all materials & labours complete as directed by Engineer in charge.	11200.00	Kg	
15	Providing & applying anticorrosive treatment etc. complete.	11200.00	Kg	
16	Filling in foundation and plinth with murrum or selected soil in layers of 20 cm thickness including watering ramming and consolidating etc. including all materials and labours complete as directed by Engineer in charge in	220.00	cu.mt	
17	Brick work using common burnt clay building bricks having crushing strength not less than 35 Kg./Sq.Cm. In Foundation and Plinth in cement mortar 1:5 (1 Cement : 5 Fine sand) (B) Conventional	14.00	cu.mt.	
18	Brick work using common burnt clay building bricks having crushing strength not less than 35 Kg./Sq.Cm. In Foundation and Plinth in cement mortar 1:5 (1 Cement : 5 Fine sand) Extra for brick in super structure above plinth level upto floor two level (B) Conventional	112.00	cu.mt.	
19	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg./Sq. Cm. In cement mortar 1:4 (1 cement: 4 coarse sand) in foundation and plinth. (B) Conventional Extra for half brick masonry in super structure above plinth level up to floor two level. (B) Conventional	7.50	Sq.mt.	
20	Carryover cut plinth treatment to post			

CONTRACTOR

5

ENGINEER IN CHARGE

construction/existing structure by spraying chemical solution for termite control treatment including labour and material consistent with ISI specification

220.00 sq.mt.

21 Providing and fixing 35mm thick shutters for doors windows and clerestory windows including indian teak wood frames 12 cm x 7cm size including anodized aluminium fixture and fastenings including primer coat of approved quality and two coats of oil painting etc. complete.
(ii) Fully pannelled

32.00 sq.mt.

22 Providing & fixing three track aluminium anodized window frame of 122mmx25mmx1.50 mm having four track bottom top and sides 122mmx32mmx1.50mm and shutter having of handle vertical section and interlock section of size 38mmx18mmx1.50mm and top and bearing section 50mmx18mmx1.50mm with 5 mm thick plan glass, rubber gasket, locking arrangement roller etc. completed.

27.80 sq.mt.

23 Providing and fixing M.S. Grills of required pattern to wooden frames of windows etc.
(A) PLAIN Grill

420.00 kg.

24 Providing and fixing m.s fan clamps of shape and size as specified in existing RCC slab including cutting chase and making good

11.00 no

25 Providing throating or plaster drip and moulding to RCC chhajja.

90.00 Rmt

26 Providing 15mm thick cement plaster single coat on brick/concrete wall for interior plastering upto floor two level finished even and smooth in (ii) cement mortar 1:4 (1 cement : 4 sand)

CONTRACTOR

5.4

ENGINEER IN CHARGE

TRADE

	Extra over for finishing with a floating coat of neat cement slurry	892.00	sq. mt	
27	20mm thick sand face plaster on wall upto height 10 meter above ground level consisting of 12mm thick backing coat of c.m 1:3 (1 cement : 3 sand) and 8mm thick finishing coat of c.m 1:1 (1 cement : 1 sand) etc. Complete	390.00	sq. mt	
28	Distemping (2 coats) with oil bound washable distemper of approved brand & make & of required shade on wall surfaces to give an even shade, over & including a priming coat with a distemper primer of approved brand & make after thoroughly brushing the surfaces free from mortar dropping & other foreign matter & also including preparing the surface even & sand papered smooth.	850.00	SQ. M.	
29	Wall painting (2 coats) with plastic emulsion paint of approved brand and manufacture on wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	390.00	SQ. M.	
30	Tiled roofing with Mangalore tiles including teak reapers of size 50 mm x 25 mm	30.00	SQ. M.	
31	Providing and laying polished KOTAH STONE SLAB flooring over 20 mm (average) thick base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid over and jointed with grey cement slurry including rubbing and polishing (Mirror polish) etc complete. (A) 25 mm thick	174.00	SQ. M.	

CONTRACTOR

ENGINEER IN CHARGE

32	Providing and laying coloured ceramic tiles 6mm thick in flooring layed on a bed of cm 1:3 (1 cement:3 coarse sand) finished with flushed pointing in white cement	10.00	SQ. M.	
33	Providing & laying white glazed tiles 6mm thick in skirting risers of steps and dedo includingon 10mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry including all material and labour charges complete as directed by Engineer In Charge.	40.70	SQ. M.	
34	Providing & Laying cement concrete flooring 1 : 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) laid in one layer finished including a floating coat of neat cement including all material and labour charges complete as directed by Engineer In Charge	5.40	SQ. M.	
35	Providing and laying water proofing treatment on terrace including applying neat cement slurry @ 2.75 kg/sq.mt. mixed with water proofing compound after cleaning the surface, laying cement concrete using brickbats 25 to 100mm size well immersed in water with 50% of cement mortar 1:5 (1 cement :5 coarse sand) mixed with water proofing compound over 20mm thick layer of cement mortar 1:5 (1 cement :5 sand) to required slope including rounding of junctions of wall and slab and after two days of proper curing, applying second coat of cement slurry finishing the surface with 20mm thick cement mortar 1:4 and china mosaic tiles and finally finishing the surface with white cement slurry and after finishing the surface whole terrace shall be flooded with water for period of two weeks, including all material and labour charges complete as directed by Engineer In Charge	200.00	SQ.MT.	

CONTRACTOR

51

ENGINEER IN CHARGE

36	Providing Plinth protection incl. 10 cm thk sand bedding 7.5 cm P.C.C 1:3:6 7.5 cm thk C.C 1:2:4 prop. Necessary compaction, laying in true line & level, curing etc. complete as directed by Engineer in charge	61.00	SQ.MT.			
37	P & F to wall ceiling and floor concealed UDPV PVC pipes supreme, Prince or equivalent 8 kg/cm ² including all fittings like bend tee, couplings of the following nominal bore tube fittings and clamps including making good the wall, ceiling and floor.					
	(A) 15 mm dia	20.00	R.M.			
	(B) 25 mm dia	20.00	R.M.			
	(C) 40 mm dia	20.00	R.M.			
	(D) 50 mm dia	20.00	R.M.			
38	Providing & Fixing 100mm size 'P' or 'S' Trap for water closet squatting pan including jointing the trap with the pan & soil pipe in cement mortar 1:1 (1 cement : 1 fine sand) Make of Parsuram, Khodiyar ISI or Hindustan VETTERIOUS CHINA	4.00				No.
39	Providing and fixing water closet squatting pan Indian type W.C. Pan size 580 mm (earthwork, bed concrete, foot rests and trap to be measured and paid for separately) (A) Vitreous china i) Long pattern white colour	4.00				No
40	Providing and fixing 12.5 liters low level flushing cistern with a pair of C.L or Mild Brackets, complete with fittings such as lead valve syphon, 15 mm nominal size brass ball valve with polythene float C.P. Brass handle unions and couplings for connections with inlet and outlet and over flow pipes 40mm dia, porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closed. (A) Vitreous china					

CONTRACTOR

5

ENGINEER IN CHARGE

(1) In white colour	4.00	No	
41	Providing and fixing PVC Pipes of supreme Prince of equivalent 4.0 kg/cm ² to walls in true line & level of following dia incl. Necessary fixtures & fasteners & cowl vent joining pipe with G.I. clamps holder etc. complete as directed by engineer in charge (a) 75mm dia (b) 100 mm dia	20.00 R.M. 20.00 R.M.	
42	Providing and fixing in position cowl vent to pipes. (1) 75 mm dia (2) 100 mm dia	6.00 No 6.00 No	
43	Providing & fixing PVC Nahani Trap with necessary fixtures and fastners of approved quality at all floor levels of the following nominal diameter of self cleaning design with stainless steel hinged grating incl. cost of cutting making good the walls and floors 110 mm dia etc. complete as directed by Engineer in Charge.	4.00 No.	
44	Providing & fixing C.I. Manhole cover 0.60 mx. 0.45 m size having weight not less than 35kg.	10.00	NO
45	Providing and fixing S.W. Gully trap with C.I. Grating brick masonry chamber and water tight C.I. Cover with frame of 300 mm. X 300 mm size (inside with standard weigh (I) Square mouth traps. (A) 100mm X300 mm size each "P" or "R" type	4.00	NO
46	Constructing brick masonry road gully chamber 450 mm x 450 mm x 775 mm with vertical grating complete.	10.00	NO
47	Providing cement vata (10cm x 10cm size quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	40.00	RMT.

NTRACTOR

ENGINEER IN CHARGE

48	P & F S.S Steel grill railings of required pattern / design to staircase railing with making necessary hole & grouting at required spacing & frame around, square or round bar with rounded headed bolts & nuts or by screws etc. complete as per engineer in charge 3'3" high B) Ornamental grill	7.00	RMT			
49	Providing and laying PVC pipes of supreme, prince, or equivalent 4 kg/cm ² to trenches horizontal drainage line in true line and level of following nominal diameter including necessary fixtures and fasteners joining the pipes with approved quality of solution with leak proof joints fixing the pipes with required excavation and refilling etc. complete as directed by engineer. (A) 110 mm dia (B) 160 mm dia	25.00 25.00	R MT. R MT.			
50	P & F white / coloured wash basin with single hole for pillar tape with C. I or M. S. brackets painted white incl. cutting holes and making good the same incl. providing & fixing 15 mm dia. Pillar tap, capstone head screw down high pressure with screw tanks & back nuts & 40mm dia c.p brass waste coupline, with pvc waste pipe of dia 15mm pvc connection of required length & stop tap of 15mm dia etc. complete for vitereous china flat black wash basin 550 mm x 400 mm size etc. complete as directed by engineer in charge.	5.00	No.			
51	Providing & fixing C.P. Brass shower rose with 15 mm or 20 mm inlet. A) 1 00mm dia	2.00	No.			
52	Providing & fixing 600mm x 450 mm bevelled edge mirror of superior glass mounted on 6mm thick A.C.Sheet or plywood sheet and fixed to wooden pluges with C.P.Brass screws and washers.	4.00	No.			
53	Providing & fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden pluges with C.P. brass screws.	6.00	No.			
54	Providing and fixing screws down bib tapes of following size (A) Brass screw down bib tap polished bright (I) 15 mm dia	4.00	No.			
55	Providing and fixing screws down stop tap 15 mm dia	4.00	No.			

CONTRACTOR

5

ENGINEER IN CHARGE

56	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete (1) 20 mm dia	4.00	No.			
57	Providing & fixing ungal of approved quality including connection with trap and with integral longitudinal flush pipe. (A) Squating plate pattern white earthenware 550 mm x 300 mm including stop cock including all materials & labour complete as directed by Engineer in charge.	2.00	No.			
58	P & F 2000 its capacity PVC water tank of ISI marks of syntex or equivalent make including cost of all fixtures and fittings required as per given detail for inlet and outlet connection etc complete as directed by engineer incharge.	1.00	No.			
59	Providing , Supplying & mixing as and where required in cement concrete & cement mortar Recron 3S Fibre polyster or Reliance or equivalent make etc. complete as per engineer in charge	300.00	KG			

TOTAL AMOUNT IN WORD

TOTAL AMOUNT IN FIGURE

INTRACTOR

5.

ENGINEER IN CHARGE

NAME OF WORK : CONSTRUCTION OF COASTAL POLICE STATION AT MOTI DAMAN

ELECTRICAL WORK.

SCHEDULE 'B'

Sr. No.	Description.	Qty.	Unit.	Rate. In Figure	Rate in Words	Amount in Figure
1	Point wiring for Light / Bell with 2-1.0 sq. mm & earth wire of 1.0 sq. mm (green) both are of ISI marked FR PVC insulated multi strand copper wires, in existing pipe duly erected complete with 6 A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic box covered with appropriate front plate modules erected concealed in wall / ceiling. (A) Mini Modular. (B) Single mounting base-frame & Textured / Metallic front plates. Cat.II (a) Light. (b) Bell.	2	3	4	5	6
			50/Pt.			
			8/Pt.			

CONTRACTOR

ENGINEER IN CHARGE

2	<p>Providing wiring for FAN with 2-1.0 sq.mm & earthwire of 1.0 sq.mm. (green) both are of ISI marked FR PVC insulated multistrand copper wires, in existing pipe duly erected complete with 6A Modular type switch and 5/6 step type electronic fan regulator with separately mounted and accessories with earth continuity of following type erected on PVC/Metallic box covered with appropriate front plate modules erected concealed in wall / ceiling. B. Single mounting, base-frame & Textured / Metallic front plates. Cat. II.</p>	11 Pt.				
3	<p>Providing wiring for Individual Plug with 2-1.0 sq.mm & earthwire of 1.0 sq.mm. (green) both are of ISI marked FR PVC insulated multistrand copper wires, in existing pipe duly erected complete with 6A Modular type switch & 6A 5pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected concealed in wall / ceiling with following type of accessories. B. Single mounting, base-frame & Textured / Metallic front plates. Cat. II.</p>	9 Pt.				

4	<p>Point wiring for Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic box covered with appropriate front plate modules erected concealed in wall / ceiling with following type accessories</p> <p>B. Single mounting, base-frame & Textured / Metallic front plates.</p>	Cat. II.	3 Pt.			
5	<p>Providing following type of Modular Type Accessories mounted on pvc / metallic box covered with appropriate front plate modules erected with necessary connection.</p> <p>(1) Two Pin / RJ - 11 Telephone Socket with Top. Cat.II.</p> <p>(2) TV Co-axial Socket outlet. Cat.II.</p> <p>(3) 6/16 Amp. Universal socket. Cat.II.</p>		5 Ea. 5 Ea. 16 Ea.			

CONTRACTOR

ENGINEER IN CHARGE

	<p>6) Providing and erecting 1.5 mm thick FIA approved and ISI mark (Embossed) RIFID PVC PIPES of following size complete erected with necessary PVC fittings & junction boxes fixed with adhesive solution & clamps with following type of erection.</p> <p>(1) For erecting concealed in Wall / slab along with continuous fish wire to draw mains, laid in approved manner with plastering by cement mortar & finishing the surface to match the wall / ceiling.</p> <p>(a) 25 mm.</p> <p>(b) 40 mm.</p>	520 Mtr.			
	<p>7) Mains with 1.1 KV grade FRPVC insulated ISI marked stranded Copper conductor wire in existing pipe erected with 1.5 sq. mm. copper conductor FR PVC insulated stranded wire of green colour for earth continuity of following size.</p> <p>(a) 2 wire 1.0 sq. mm.</p> <p>(b) 2 wire 1.5 sq. mm.</p>	36 Mtr.			
		85 Mtr.			
		465 Mtr.			

CONTRACTOR

6.

ENGINEER IN CHARGE

<p>8 Main with 1.1 KV grade FR PVC insulated ISI marked stranded copper conductor wire in existing pipe erected with 2.5 sq. mm copper conductor FR PVC insulated stranded wire of green colour for earth continuity of following size.</p> <p>(a) 3 wire 4 sq. mm.</p> <p>(b) 4 wire 10 sq. mm.</p>	<p>45 Mtr.</p> <p>55 Mtr.</p>				
<p>9 Providing & Erecting following size of TV Co-axial flexible cable comprising inner conductor of solid bare copper insulated with Foam PE & Secondary conductor made of poly - Aluminium film bonded Al. Braids @ coverage of 65% overall sheathed with black PVC insulation.</p> <p>(a) RG - 6.</p>	<p>65 Mtr.</p>				
<p>10 Supplying & erecting Delton or approved make Telephone Cable electrolytic grade annealed copper conductor insulated with PE insulation twisted in to pairs with colour combination bunched together in concentric layers so as to minimies cross - talk & wrapped with FR PVC tape & sheathed with FR PVC or GEFER outer jacket suitable for indoor telephone wiring & conforming to C-KOTS/WS - 113 / IEC 60189 - 2, 101 - 1581 SECTION 1080 VW - 1 erected in existing pipe. Of following size of conductors & nos. of pairs. With necessary connections.</p>					

CONTRACTOR

ENGINEER IN CHARGE

	<p>A Conductor Size 0.4 mm. (a) Unarmoured. (1) Five Pairs.</p>	65 Mtr.			
11	<p>Supplying & erecting Approved make call bell indicator with buzzing sound and Red light indicating lamp with Red light button to attend the call suitable for 240 v 50 cys supply to be erected on polished wooden board with 3 mm thick laminated sheet with connections per way.</p>	6 Ea.			
12	<p>Approved make C.F.L. lamp Retrofit 20/25 watt. Cat. II.</p>	12 Ea.			
13	<p>Supplying & erecting approved make 1 x 36 / 40 watt sleek batten type fluorescent fitting made of anodised Aluminium reflector. Complete with IIF Electronic ballast assembly housed in engineering plastic covers with tube holders, erected with accessory lead wire & hardware materials. Cat. II.</p>	28 Ea.			
14	<p>Approved make fluorescent tube 120 cms. 36/40 watt erected, if required. Cat. II.</p>	28 Ea.			
15	<p>Approved make Elliptical type Metal Halide lamps.</p>				

CONTRACTOR

6/1

ENGINEER IN CHARGE

<p>(1) 70 Watt. Cat. III.</p>	<p>4 Ea.</p>		
<p>16) Approved make street light luminaire suitable for HPSV lamp complete with control gear and accessories operating on 200V to 240V A.C. supply, Aluminium housing with two compartments duly stove enameled painted side reflector protective acrylic cover, synthetic felt gasket, necessary hardware. The fitting should be suitable for side entry having suitable socket bore for clamping complete erected. (A) Suitable for 70 watt SVL / Metal Halide lamp. Cat. III.</p>	<p>4 Ea.</p>		

ENGINEER IN CHARGE

CONTRACTOR

6

17	Providing and erecting approved make C.F.L decorative wall mounted luminaire complete with 9/11/13 watt tube, ballast holder, clear/opal diffuser complete erected with lead wire. (a) for one lamp. Cat. III	6	Ea.				
18	Approved make Iron Clad or metal clad four pole change over switch 415V. conforming to I.S.S. of following capacity. (a) 100 A / 125 A. Cat. II.	1	Ea.				
19	Supplying KITKAT pattern porcelain cutout with base of following current capacity erected on existing block board. (i) 100A. 500V.	3	Ea.				
20	Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 K.A. at 415V. having normal current rating up to 25A. to 100A. with Fixed thermal & magnetic release suitable to work on A.C. supply 50 cys. with all internal connections & complete erected in 16 G.M.S. housing on angle frame. ICS = 100% of ICU only Cat. III.	1	Ea.				
21	Providing Approved make Triple Pole Metal / Iron Clad Switch & Fuse with neutral link 415/500 V conforming to I.S.S. 100 A Cat. II	1	Ea.				

CONTRACTOR

ENGINEER IN CHARGE

22	<p>Providing and erecting busbar chamber conforming to IS 375 fabricated from 16 G.M.S. sheet, dust & vermin proof having hinged door with rubber gasket and necessary busbar supports with copper busbar duly wrapped with colour insulation tape for phase sequence, three phase & neutral each equal & one meter long suitable for following current capacity with necessary painting mounted on wall or pedestal frame of required size with necessary incoming & outgoing connections with proper size of copper Strip / wire with lugs as directed.</p> <p>(A) Suitable for 100 Amp. capacity having cross section area not less than 80 Sq.mm.</p>	1 Ea.					
23	<p>Providing and erecting Sheet Steel powder coated MCB distribution board – flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, conforming to IS 13032 and BS 5486-1986 with out MCB to house appropriate nos. of MCBs. (The DBs should be used of same company of MCB to be used).</p> <p>(a) Three phase 6 way SS Double door for single phase outgoing horizontal box.</p>	2 Ea.					
24	<p>Miniature circuit breaker single pole 6A to 32A. suitable to operate on 240V, A.C. system and having overload and short circuit tripping elements and breaking capacity 10 KA to be erected in existing M.S. box. (Confirming to IS 8828 : 1996 with ISI Mark. Cat. II.</p>	40 Ea.					

25	<p>Providing & erecting 415V MCB Four Pole Switch for Lighting Load (B curve) having 10KA. breaking capacity & conforms to IS : 8828 in-existent box having following capacity. (a)40Amp. Cat. II.</p>	2 Ea.		
26	<p>Supplying & erecting funnel type earthing having earth plate of following size burrid in specifically prepared earth pit 3 mtr. Below ground with 40 Kg. charcoal and salt with alternate layers of charcoal & salt 20mm dia. G.I. pipe with Funnel with a wire mesh for watering & bricks masonry block. C.I. Cover complete as per para 7.3 of IS 3043 with necessary length of double G.I./copper earth wire No 6 SWG bolted with lug to the plate and covered in 12mm dia. G.I. pipe 2.5 mtr. Long complete connected to the nearest switch gear with end socket as per direction & duly tested by earth tester confirming to ISS (As per drawing) with following specification. (C)With 45 x 45 x 0.35 cms. C.I. earth plate.</p>	2 Ea.		
27	<p>Providing and erecting Annealed bare Copper wire 8 to 16 S.W.G.</p>	5 Kg.		
28	<p>Supplying and erecting nuwood 12mm thick on existing angle iron frame or wooden patti.</p>	6 Sq.mtr.		

CONTRACTOR

6

ENGINEER IN CHARGE

29] Providing, erecting, fabricating the M.S. structure as per requirement of site incorporating proper size of M.S. angles, flats, bars, channels, sections complete with cutting, welding, grinding & finishing duly painted with one coat of redoxide with erection on site as per direction of engineer in charge with necessary grouting, cementing plastering & finishing complete.	10 Kg.			
30] Supplying & erecting 20 Amp. 10KA. 'C Curve' single pole MCB with 20 Amp. Metal clad plug socket with metal clad top, company fabricated powder coated sheet steel enclosure erected on suitable wooden base with connection, Cat. III.	2 Ea.			
31] Providing and fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (a) 2 to 4 core 10 Sq. mm.	13 Ea.			
32] Solderless crimping type Copper lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass / cadmium plated nut bolts in an approved manner. (a) 10 Sq. mm.	28 Ea.			

33 Providing and erecting XLPE (IS: 7089) (I) -88 ISI marked armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing cable trench / pipe at road crossing on floor of following size of cables.
No. of core: 25 Sq. mm.

95 Mtr.

CONTRACTOR:

ENGINEER IN CHARGE

34	Providing and erecting XLPE (IS: 7089) (I) -88 ISI marked armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing cable trench / pipe at road crossing or floor of following size of cables. (a) 2 core 10 Sq. mm.	130	Mtr.		
35	Approved make Ceiling fan with condenser 230 volt. A.C. 50 Cys. 1200 mm. sweep complete, having 3 blades aluminium body and blade sets having ornamental design shanks, canopy & 30 cms. down rod erected with 24 / 0.2 flat 3 core flexible wire with earthing.	11	Ea.		
36	Supplying and erecting approved make reversible fresh air fan exhaust fan having size 225mm, 1400 RPM.	4	Ea.		
37	"B" Class Galvanised iron pipe 38/40mm dia. Meter having smooth finished bore of the pipe on both ends erected on the face of the wall with clamps, nuts and bolts for laying of cable along the pole / wall shaping the pipe as per site requirement to case cable entry.	4	Mtr.		

CC-11111111


ENGINEER IN CHARGE

APPROXIMATE THEORETICAL CEMENT CONSUMPTION
STATEMENT FOR COASTAL POLICE STATION AT
DAMANWADA, MOTIDAMAN, DAMAN.

SR. NO.	DESCRIPTION	UNIT	QUANTITY	CEMENT Bags/ Cu. Mt.	Theoretical Cement Consumption In Bags.
1	RCC				
	1:1.5:3 M200	Cu.Mt	112.5	8.00	900.00
2	1:3:6 M100	Cu.Mt	30.00	4.40	132.00
	BRICK WORK				
	230mm Thk. In CM 1:5	Cu.Mt.	116.00	1.50	174.00
3	11.5 mm Thk. In CM 1:4	Sq. Mt.	9.50	0.29	2.76
	PLASTERING				
	12mm Thk. In CM 1:4		851.00	0.13	110.63
4	20 mm Thk. In CM 1:3		343.5	0.34	116.62
	FLOORING				
	Kota Stone Flooring		174.00	0.24	41.76
	Ceramic Tiles Flooring		10.00	0.21	2.10
	Glazed Tiles Flooring		41.00	0.19	7.79
	Plinth Protection		70.00	0.80	56.00
	Water Proofing		200.00	0.61	122.00
5	Plumbing & Misc.				30.00
				TOTAL	1695.65
				SAY	1700.00

672.25/944.00
 170.00
 30.00
 0.37
 110.63
 116.62
 41.76
 2.10
 7.79
 56.00
 122.00
 30.00
 1695.65
 1700.00

PLACE : DAMAN
DATE : 29/05/2008

FOR AAKRUTI DESIGNERS

 PARTNER

Cement consumption = 1695.65
 Material = 0.00

Cement consumption coastal police station = 672.25
 Material = 420 kg