



BOARD OF DIRECTORS

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AGENDA

MONITORING COMMITTEE

Chairman Dave Druker, Bob Campbell, Chris Orlando, Jim Wood
Staff Committee Liaison: Brian Graham

Thursday, July 5, 2007- 8:30 AM
311 South Tremont Street, Oceanside, California

1. Open Meeting
2. Changes to the Agenda
3. Transit Television Network
4. Stuart Mesa Ground Water Pumping System
5. Bridge 207.6 Replacement Preliminary Engineering and Environmental Clearance
6. On-Call Railroad Infrastructure Support Services
7. On-Call Materials Testing and Inspection Services to Support the SPRINTER Project
8. COASTER Operations and Right-of-Way Maintenance
9. COASTER TVM Maintenance Contract
10. Monthly SPRINTER Update (No staff report)
11. Other Matters
12. Public Comment
13. Next Meeting: Thursday, **September 6, 2007**, 8:30 a.m., 311 South Tremont, Oceanside, CA
14. Adjournment

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STAFF REPORT
TO THE
MONITORING COMMITTEE

COMMITTEE MEETING DATE: July 5, 2007

TITLE: Transit Television Network

STAFF CONTACT: Tom Kelleher
Manager of Marketing and Communications
E-mail: tkelleher@nctd.org Phone: 760/967-2862

TIME SENSITIVE: YES NO

Consent Action Information

COMMITTEE RECOMMENDATION:

DESCRIPTION:

NCTD is seeking to enter into a joint contract with Metropolitan Transit System (MTS) serving as lead agency to have a contractor, Transit Television Network, develop, install, and maintain an electronic Regional Transit Multimedia Customer Information System (CIS). The CIS will provide in-vehicle automated audio (interior and exterior) and visual (interior) Americans with Disabilities Act (ADA) compliant stop announcements for NCTD BREEZE buses with an option to include SPRINTER light rail vehicles after the SPRINTER begins revenue service. TTN will install televisions on vehicles and provide complete programming services in both English and Spanish.

BACKGROUND:

Under a pilot program initiated by SANDAG in 2005, NCTD tested Transit Televisions on three BREEZE buses and various routes in the system. Passenger and coach operator response to the television programming and automated stop announcements has been very positive. SANDAG is no longer leading the effort to install televisions on the region's buses and trolleys. MTS is serving as lead agency in the procurement effort.

FISCAL IMPACT:

TTN will be provided to NCTD at no expense to the District. A minimum yearly payment of \$30,000 will be paid to MTS/NCTD under terms of the eleven-year agreement. The annual payment will be shared by MTS and NCTD based on the percentage of ridership on the modes that have transit televisions installed. In addition to the annual minimum payment, the agencies can share in revenues exceeding predetermined levels outlined in the contract agreement.

OBJECTIVE:

That the Committee forward the item to the full Board with a recommendation authorizing the Executive Director to enter into a joint contract with MTS to secure a Regional Transit Multimedia Customer Information System with Transit Television Network.

COMMITTEE DISCUSSION

7/5/07



STAFF REPORT
TO THE
MONITORING COMMITTEE

COMMITTEE MEETING DATE: July 5, 2007

TITLE: Stuart Mesa Ground Water Pumping System

STAFF CONTACT: Mitch Alderman
Senior Rail Engineer
E-mail: malderman@nctd.org
TIME SENSITIVE: YES NO
Phone: 760/967-2852
Consent Action Information

COMMITTEE RECOMMENDATION:

DESCRIPTION:

Request of the Board to increase Boyle Engineering's existing purchase order for the Stuart Mesa Ground Water Pumping System project.

BACKGROUND:

Since construction of the Stuart Mesa COASTER maintenance facility in 1996, it has been necessary to pump ground water from a sub-drain system that was built during the construction of the facility so that damage to sub-surface utilities and above ground structures would be reduced. This need became apparent during construction of the facility due to the high water table. At certain times of the year, the level of the water table and the volume of the water results in the discharged water reaching the Santa Margarita River through a NCTD on-site storm drain system.

The pumping operation continued without problem until 2004 when changes in water quality regulations led to a request by the Regional Water Quality Control Board that NCTD obtain a discharge permit. NCTD pursued this course of action that included required water quality tests. The tests showed that there were no industrial compounds in the water; however, there were high levels of nitrogen and phosphorous, principal ingredients of fertilizer, likely caused by the adjacent farming operation.

NCTD worked with the Water Board and Camp Pendleton in pursuit of a resolution of this practice since early 2005. In August 2006 NCTD finally reached agreement on a satisfactory solution to the problem, with the Base agreeing to accept the ground water into their wastewater treatment system. NCTD then proceeded with the design work to implement this solution, with an understanding based on prior communications with Water Board staff that the discharge must be stopped by August 2007. However, on January 19, 2007, the Water Board placed NCTD on notice to discontinue discharge of Stuart Mesa Facility groundwater into the San Margarita River Basin by March 1, 2007.

On January 22, 2007, Karen King, NCTD Executive Director, signed a Declaration of Public Exigency for the Emergency Elimination of Stuart Mesa Groundwater Discharge. The Board was notified by memo of this action on February 7, 2007 and a contract was issued to CCL Contracting to construct both temporary and permanent pipelines to meet the March 1, 2007 deadline.

On December 29, 2006, Boyle Engineering was issued a purchase order in the amount of \$88,130 to perform engineering and construction support services for the installation of permanent ground water pumping system that would allow NCTD to discharge the water into the Base sewer system approximately 2200' east of the Stuart Mesa facility. As a result of the January 19, 2007 notice by the Water Board, NCTD instructed Boyle to design a temporary and partial permanent piping system as well as manage the construction activities. Through the Public Exigency bid process, NCTD selected CCL Contracting, Inc. to construct the design Boyle prepared. The work was completed prior to the March 1, 2007 deadline imposed by the Water Board. Since Boyle's scope was increased by the need to prepare two sets of drawings, one to meet the March 1, 2007 deadline and one for the forth coming permanent system, as well as two mobilizations for construction management and other site configuration issues, Boyle is requesting an additional fee for the extra work that is anticipated.

FISCAL IMPACT:

The fiscal impact for this request is \$48,042 which will amend the current Boyle PO 20663 of \$88,130 for a total of \$136,172. A total of \$910,860 has been identified in our current capital budget (JB#506024) for this project, of which \$176,568 has been spent for temporary and partial permanent construction and with the amended Boyle PO of \$136,172, the remaining available balance will be \$602,282.57 for the balance of construction activities. As of the 95% completed design, the estimated construction cost is about \$500,000.

OBJECTIVE:

Committee recommendation to amend Boyle Engineering's purchase order by increasing the current amount of \$88,130 by \$48,042 for a total amount of \$136,172.

COMMITTEE DISCUSSION

7/05/07



STAFF REPORT
TO THE
MONITORING COMMITTEE

COMMITTEE MEETING DATE: July 5, 2007

TITLE: Bridge 207.6 Replacement Preliminary Engineering and Environmental Clearance

STAFF CONTACT: Mitch Alderman
Senior Rail Engineer
E-mail: malderman@nctd.org
TIME SENSITIVE: YES NO
Phone: 760/967-2852
Consent Action Information

COMMITTEE RECOMMENDATION:

DESCRIPTION:

Issuance of a purchase order to HDR Engineering for engineering and environmental permitting for replacement of the north segment of Bridge 207.6, San Mateo Creek, just south of County Line.

BACKGROUND:

Bridge 207.6 is comprised of three segments. Both south and north segments are timber pile trestles with respective lengths of 100' and 558' and a middle 200' concrete segment, for a total bridge length of 858'. The middle segment was heavily damaged in the 1998 El Nino storms and as a result, a 200' concrete bridge segment was constructed to replace the original timber structure. Since that time, numerous repairs have been made to the north segment including pile replacement, pile splicing, bent cap replacement, and as of this month, above ground bent replacement.

During a recent inspection of the bridge, more rapid decay of the piles was observed. While above ground bent replacements have been made within the last two months, the bridge continues to show increased degradation of many components such as deck stringers, pile caps, and piles. As a result, a slow-order has been placed on the bridge. Since the condition of the north bridge segment continues to decline faster than other portions of the bridge as well as other bridges along the coastal route, replacement of this bridge should be accomplished as soon as possible.

With Board approval in May 2007, a purchase order was issued to HDR Engineering in the amount of \$49,453 to perform geotechnical drilling and related environmental support services for said drilling. The geotechnical data is critical and is used to design the bridge foundation for live and dead loads as well as seismic events.

To advance the design of the replacement bridge, staff solicited a proposal from its on-call bridge consultant, HDR Engineering, to prepare preliminary engineering plans and environmental permitting services.

FISCAL IMPACT:

The fiscal impact of this design and environmental effort is \$550,297. A total of \$4,045,000 has been budgeted in the FY 08 Capital Improvement Program for Bridge and Infrastructure Replacement (JB #'s 508018, 508019, 508020 and 508102) that can be used for this purpose. Although none of the formula funding programmed for this project is currently in an approved grant, FTA has extended pre-award authority for formula funds. This would allow NCTD to proceed with the engineering and environmental work immediately. NCTD would seek reimbursement of these costs once the FY 08 grant applications are approved.

OBJECTIVE:

Committee recommendation regarding the award of a purchase order to HDR Engineering, Inc. for preliminary engineering and environmental permitting services for the replacement of the northerly segment of Bridge 207.6.

COMMITTEE DISCUSSION

7/05/07



**STAFF REPORT
TO THE
MONITORING COMMITTEE**

COMMITTEE MEETING DATE: July 5, 2007

TITLE: On-Call Railroad Infrastructure Support Services

STAFF CONTACT: Mitch Alderman **TIME SENSITIVE:** YES NO
 Senior Rail Engineer
 E-mail: malderman@nctd.org Phone: 760/967-2852
 Consent Action Information

COMMITTEE RECOMMENDATION:

DESCRIPTION:

Consider awards of five-year, on-call, engineering contracts to National Railroad Passenger Corporation (Amtrak) and JL Patterson and Associates, Inc. (JLP) for services described in RFP 07036, Railroad Infrastructure Support Services. Each contract will be for an amount-not-to-exceed \$1,000,000 per contract year for a maximum sum of \$5,000,000 per firm.

BACKGROUND:

Many of NCTD's projects associated with maintenance and capital improvements of its railroad infrastructure require the use of consulting firms to provide construction support services. NCTD utilizes the services of consultants to provide these services for various tasks associated with NCTD facilities, railroad right-of-way, capital, third-party, and public projects. Through the Request for Proposal (RFP) process, firms are selected by a competitive, qualification based, selection process.

On March 22, 2007, NCTD published RFP 07036, On-call Railroad Infrastructure Support Services. Proposals were due by and received on April 19, 2007. Two firms submitted, Amtrak and JLP.

An evaluation panel comprised of NCTD employees and one sister agency employee was developed and based their selection recommendations on the following criteria:

Evaluation Description and Maximum Points	Proposal is Responsive (Yes or No)	Points Awarded
1. Qualifications of Prime Consultant (30 pts maximum)		
1a. General corporate experience and qualifications (10 pts)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
1b. Experience of key staff (20 pts)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
SUBTOTAL		
2. Qualifications of Subconsultants (15 pts maximum)		
2a. General corporate experience and qualifications (5 pts)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
2b. Experience of key staff (10 pts)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
SUBTOTAL		
3. Management Approach (30 pts maximum)		
3a. Understanding NCTD's needs (10 pts)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3b. Project Approach (10 pts)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
3c. Qualifications of Project Manager (10 pts)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
SUBTOTAL		

4. Oral Interviews (25 pts maximum)		
4a. Demonstration of expertise (5 pts)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4b. Demonstration of expertise of Management Approach (7 pts)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4c. Responsiveness to questions (7 pts)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4d. Client references to related projects (6 pts)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
SUBTOTAL		
SUBTOTAL POINTS OF ITEMS 1 – 3		
TOTAL POINTS OF ITEMS 1 – 4		

After review of the respective proposals by the evaluation panel, Amtrak scored 66.7 and JLP 54.7, out of a total possible 75 points for sections 1 through 3 above. Since the evaluation panel considered both proposers qualified, and NCTD desired to contract with at least two firms, the panel recommended that both firms be issued contracts without conducting interviews.

FISCAL IMPACT:

This item has no fiscal impact. Fiscal impact occurs when future purchase orders are issued under these contracts. The costs associated with the proposed on-call services will be primarily project specific with nearly all of the costs being covered by a project budget or reimbursable, resulting from capital projects executed by NCTD, SANDAG, AMTRAK, CALTRANS, cities, and other non-public third-parties.

OBJECTIVE:

Committee recommendation for the award of on-call engineering contracts to National Railroad Passenger Corporation and JL Patterson and Associates, Inc. for railroad infrastructure support services.

COMMITTEE DISCUSSION

7/05/07



STAFF REPORT
TO THE
MONITORING COMMITTEE

COMMITTEE MEETING DATE: July 5, 2007

TITLE: On-Call Materials Testing and Inspection Services to Support the SPRINTER Project

STAFF CONTACT: Don Bullock
SPRINTER Project Manager
E-mail: dbullock@NCTD.org Phone: 760/737-8625 x257

TIME SENSITIVE: YES NO

Consent Action Information

COMMITTEE RECOMMENDATION:

DESCRIPTION:

Authorize an increase to the existing MACTEC purchase order #17543 for material testing and inspection services on the SPRINTER project as described in the on-call Contract 05013. This purchase order would be increased by \$750,000, to a revised total of \$3,500,436. This increase has been included in the revised SPRINTER project budget approved by the Board in December 21, 2006.

BACKGROUND:

The SPRINTER project requires the services of an on-call accredited material testing and inspection company during the construction process in order to ensure compliance with local codes and regulations as well as to confirm that the work is done as required by the contract plans and specifications. The original estimate for these services was prepared by MACTEC based on typical industry standards for similar work, and included work on the Mainline, Loop and Vehicle Maintenance Facility contracts.

Since the time of the previous increase to this purchase order, there has been an increased need for various services performed by MACTEC. The areas responsible for most of this increase are for materials testing and inspection for unanticipated work such as the slope failure in Oceanside, bridge inspection and unsuitable subsurface soil conditions at various grade crossings.

In addition, costs have increased due to the necessary use of night and weekend overtime, such as the 16 day closure of Escondido Avenue. Moreover, the use of overtime is expected to be significant over the next four months as the contractor has ramped up their work effort to meet the newly agreed to accelerated work schedule contained within the settlement agreement.

Where inspection costs are related to quality conformance issues or non-compliance testing, those costs will be deducted from the contractor's pay application.

FISCAL IMPACT:

The fiscal impact of this item is \$720,000. This item is covered by the Construction Management line item of the SPRINTER project under JB# 709508. The current budget for this line item is \$29,619,138.37, of which \$21,643,375.69 has been expended and \$305,342.40 has been encumbered, leaving an available balance of \$7,670,420.28.

OBJECTIVE:

That the Board authorize the Executive Director to execute an agreement for an increase to the existing MACTEC purchase order #17543 for the material testing and inspection services on the SPRINTER project in the amount of \$750,000 for a revised total of \$3,500,436.

COMMITTEE DISCUSSION

7/5/07



STAFF REPORT TO THE MONITORING COMMITTEE

COMMITTEE MEETING DATE: July 5, 2007

TITLE: COASTER Operations and Right-of-Way Maintenance

STAFF CONTACT: Lane Fernandes, Manager, Commuter Rail, E-mail: lfernandes@nctd.org, TIME SENSITIVE: YES [x] NO [], Phone: 760/967-2850, Consent [], Action [], Information []

COMMITTEE RECOMMENDATION:

DESCRIPTION:

Authorize the Executive Director to award an annual purchase order in the amount of \$100,000 to Transit America Services, Inc., under the COASTER Services Contract - RFP 05023. These purchase orders are necessary for required routine repairs that are not within the base scope of services. These annual purchase orders would be issued for the duration of the contract with Transit America and are in accordance with the rates and terms and conditions of RFP 05023 and would include both reimbursable and non-reimbursable items.

BACKGROUND:

On December 15, 2005 the Board authorized the award of the five-year fixed-price COASTER Services Contract to TransitAmerica in which revenue service commenced July 1, 2006. Although the scope of work is clearly defined, there are often additional, relatively low-dollar, repairs that are required to maintain the railroad that were deliberately left out of the basic scope due to their frequency being difficult to determine. This includes such items as road and bridge panel replacement, rail grinding and any minor miscellaneous repairs.

With the approval of this item, the Executive Director would have the authority to continue to authorize the issuance of work orders for routine repairs that are not covered under the basic scope of RFP 05023. This is shown in the table below. In the first year of the contract, the aggregate of this type of work was a little over \$100,000.

Table with 2 columns: Amount and Description. Rows include Bridge 216.9 & 217.0, BNSF Derailment, Rail Grinding, Fencing for Layover Trailer, Clean Ballast - Reimbursable, Wireless Test Train - Reimbursable, and a total of \$113,130.

This would not affect any individual RFP 05023 extra-work item greater than \$50,000, as these would all continue to require Board approval.

By authorizing this action, the Executive Director is authorized to issue a Purchase Order to Transit America in the amount of \$100,000 for each of the next four years (remaining term of contract) for required routine repairs.

FISCAL IMPACT:

There is no specific fiscal impact associated with this item at this time. Expenses would be incurred as work is authorized.

OBJECTIVE:

That the committee forward the item to the full Board with a recommendation of authorization for the Executive Director to award purchase orders under the terms of RFP 05023 to TransitAmerica, Inc. as required for out-of-scope routine repairs valued at \$50,000 or less for the duration of the COASTER Services Contract.

COMMITTEE DISCUSSION

7/5/07



STAFF REPORT
TO THE
MONITORING COMMITTEE

COMMITTEE MEETING DATE: July 5, 2007

TITLE: COASTER TVM Maintenance Contract

STAFF CONTACT: Bruce Foltz
Manager of Financial Services
E-mail: bfoltz@nctd.org Phone: 760/967-2823

TIME SENSITIVE: YES NO

Consent Action Information

COMMITTEE RECOMMENDATION:

DESCRIPTION:

Authorize an increase to the existing purchase order # 06025 for maintenance and repair services on the COASTER Ticket Vending Machines (TVM's). This purchase order would be increased by \$102,000 and the contract extended to December 31, 2007 in order to allow time to consider TVM maintenance options.

BACKGROUND:

NCTD contracted with Scheidt and Bachmann from 2002 to 2005 for TVM maintenance and repair. In 2005, Scheidt and Bachmann notified NCTD that they would no longer support the TVM equipment that has been operating on the COASTER line since February 1995.

In 2005, NCTD contracted with Ed Burger, a former employee of Scheidt and Bachmann since 1995, to continue doing the TVM maintenance and repair. The current contract was due to expire on June 30, 2007.

Under the SANDAG Regional Automated Fare Collection project, new Cubic TVM's were scheduled for installation on the COASTER line. Mr. Burger has directed and coordinated the replacement and installation of new Cubic TVM's during the past two months. The additional tasks have added to the total costs under the contract. The installation was completed quickly and efficiently, with as little down time as possible.

Some of the costs associated with Mr. Burger's contract will be reimbursable under the SANDAG Regional Automated Fare Collection Project.

NCTD will be analyzing alternative options for TVM maintenance after December 2007, and plans to offer a longer-term recommendation later this year.

FISCAL IMPACT:

The purchase order will be increased by \$102,000 to complete payment under the fiscal 2007 contract and the contract extension in fiscal 2008 through December 31, 2007. Of these costs, an estimated \$12,000 is reimbursable from SANDAG under the Regional Automated Fare Collection Project, for a net fiscal impact to NCTD of \$90,000. These TVM Maintenance costs have already been included in the budget for Fiscal 2008.

OBJECTIVE:

That the Board authorize the Executive Director to execute an agreement extending the existing TVM Maintenance and Repair contract to December 31, 2007 and authorize an increase to the existing purchase order # 06025 for TVM maintenance and repair services on the COASTER in the amount of \$102,000.

COMMITTEE DISCUSSION

7/5/07

July 5, 2007

TO: North County Transit District Board Members
FROM: Clerk of the Board
SUBJECT: POSTING OF BOARD AGENDA

In Compliance with the Ralph M. Brown Act, As Amended, the following information is provided.

The Agenda for this meeting of the Monitoring Committee was posted as follows:

Meeting Date and Time:	July 5, 2007; 8:30 a.m.
Posted At:	810 Mission Avenue, Oceanside, CA and 311 So. Tremont, Oceanside, CA
Date & Time of Posting:	June 29, 2007; 5:00 p.m.
Posted By:	Clerk of the Board