

Project Name: Anhui Highway Rehabilitation and Improvement Project

Loan No. 7511

Task Manager: Aurelio Menendez

Subject: Procurement Implementation Plan for Goods, Works and Services

PMO: Project Construction Management Office of Anhui Highway Administration Bureau

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--|--------------|-------------------|-------------|---|-------------------------------|--------------------|-------------------------------|----------------------|------------|
| Ref. No | Contract. NO | Road Sections | Length (km) | Contract Description | Estimated cost (US\$ million) | Procurement Method | Review by Bank (Prior / Post) | BD/PQD Issuance Date | Start Date |
| | | | | | | | | (mm/dd/yy) | (mm/dd/yy) |
| Part A Rehabilitation projects | | | | | | | | | |
| 1. G104 (Chuzhou to Chahe) | NO1.1 | K0+000—K15+400 | 15.4 | Widening and consolidation of pavement and bridge | 3.63 | NCB/Works | Post | 7/6/2007 | 10/1/2007 |
| | NO1.2 | K15+400—K31+413.8 | 16 | | 3.77 | NCB/Works | Post | 7/6/2007 | 10/1/2007 |
| 2. G206 (South Suzhou to North Huaibei)) | NO2.1 | K0+000—K18+000 | 18 | Widening and consolidation of pavement and bridge | 5.04 | NCB/Works | Prior | 4/1/2009 | 7/1/2009 |
| | NO2.2 | K18+000—K36+000 | 18 | | 5.04 | NCB/Works | Prior | 4/1/2009 | 7/1/2009 |
| | NO2.3 | K36+000—K55+300 | 19.3 | | 5.41 | NCB/Works | Prior | 4/1/2009 | 7/1/2009 |
| | NO2.4 | K55+300—K73+800 | 20 | | 5.61 | NCB/Works | Prior | 4/1/2009 | 7/1/2009 |
| 3. G311 (Suzhou Section) | NO3.1 | K0+000—K18+000 | 18 | Widening and consolidation of pavement and bridge | 3.07 | NCB/Works | Post | 4/1/2009 | 7/1/2009 |
| | NO3.2 | K18+000—K35+700 | 17.7 | | 3.01 | NCB/Works | Post | 4/1/2009 | 7/1/2009 |
| 4. G318 (Nanling Boundary to Muzhen) | NO4.1 | K0+000—K17+582 | 17.6 | Pavement and grade intersection work | 4.33 | NCB/Works | Post | 7/6/2007 | 10/1/2007 |
| 5. G318 (Yinhui to Dadukou) | NO5.1 | K0+000—K29+700 | 29.7 | Pavement and grade intersection work | 7.29 | NCB/Works | Prior | 7/6/2007 | 10/1/2007 |
| | NO6.1 | K0+000—K28+400 | 28.4 | | 5.1 | NCB/Works | Prior | 7/6/2007 | 10/1/2007 |

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| 6. G318 (Yuexi Section) | NO6.2 | K28+400—K52+400 | 24 | Pavement works | 4.3 | NCB/Works | Post | 7/6/2007 | 10/1/2007 |
| | NO6.3 | K52+400—K76+400 | 24 | | 4.3 | NCB/Works | Post | 7/6/2007 | 10/1/2007 |
| 7. S101 (Hechu Boundary to Benbu) | NO7.1 | K0+000—K20+000 | 20 | Widening and consolidation of pavement and bridge | 4.45 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| | NO7.2 | K20+000—K40+000 | 20 | | 4.45 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| | NO7.3 | K40+000—K60+000 | 20 | | 4.45 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| | NO7.4 | K60+000—K88+450 | 28.45 | | 6.42 | NCB/Works | Prior | 4/30/2008 | 7/1/2008 |
| 8. S103 (Hamoling to Qingyang) | NO8.1 | K0+000—K15+727 | 15.7 | pavement works, grade intersection work | 4.27 | NCB/Works | Post | 7/6/2007 | 10/1/2007 |
| | NO8.2 | K15+727—K31+389 | 15.7 | | 4.27 | NCB/Works | Post | 7/6/2007 | 10/1/2007 |
| 9. S211 (Zhuping to Dashan) | NO9.1 | K0+000—K24+700 | 24.7 | Pavement, part subgrade, drainage prevention work | 4.56 | NCB/Works | Post | 7/6/2007 | 10/1/2007 |
| | NO9.2 | K24+700—K52+000 | 27.3 | | 5.05 | NCB/Works | Prior | 7/6/2007 | 10/1/2007 |
| | NO9.3 | K52+000—K82+623 | 30.6 | | 5.66 | NCB/Works | Prior | 7/6/2007 | 10/1/2007 |
| 10. S212 (Huaining Section) | NO10.1 | K0+000—K25+000 | 25 | pavement works | 5.33 | NCB/Works | Prior | 4/30/2008 | 7/1/2008 |
| | NO10.2 | K25+000—K50+000 | 25 | | 5.33 | NCB/Works | Prior | 4/30/2008 | 7/1/2008 |
| 11. S215 (Jixi Section) | NO11.1 | K0+000—K24+500 | 24.5 | Widening and consolidation of pavement and bridge | 4.16 | NCB/Works | Post | 4/1/2009 | 7/1/2009 |
| | NO11.2 | K24+500—K45+610 | 21.61 | | 3.87 | NCB/Works | Post | 4/1/2009 | 7/1/2009 |
| 12. S303 (Suzhou to Jiangxu Boundary) | NO12.1 | K0+000—K19+055 | 19.1 | pavement works, widening and consolidation of bridge, part subgrade work | 4.04 | NCB/Works | Post | 7/6/2007 | 10/1/2007 |
| | NO12.2 | K19+055—K41+667.5 | 22.6 | | 4.79 | NCB/Works | Post | 7/6/2007 | 10/1/2007 |
| | NO12.3 | K41+667.5—K59+000 | 17.3 | | 3.66 | NCB/Works | Post | 4/1/2009 | 7/1/2009 |
| | NO12.4 | K59+700—K76+570 | 17.6 | | 3.72 | NCB/Works | Post | 4/1/2009 | 7/1/2009 |
| | NO12.5 | K76+570—K102+683 | 26.1 | | 5.53 | NCB/Works | Prior | 7/6/2007 | 10/1/2007 |

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| 13. S303 (Huaibei Section) | NO13.1 | K0+000—K23+000 | 23 | Pavement, widening and consolidation of bridge, part subgrade work | 4.95 | NCB/Works | Post | 4/1/2009 | 7/1/2009 |
| 14. S310 (Shou County to Huoqiu) | NO14.1 | K0+000—K22+770 | 22.77 | Widening and consolidation of pavement and bridge | 4.5 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| | NO14.2 | K22+770—K44+740 | 21.97 | | 4.34 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| | NO14.3 | K44+740—K70+080 | 25.34 | | 4.97 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| 15. S310 (Huoqiu to Zhongxing) | NO15.1 | K0+000—K35+152 | 35.2 | Pavement works | 8.96 | NCB/Works | Prior | 7/6/2007 | 10/1/2007 |
| 16. S320 (Hengbu to Changhe) | NO16.1 | K0+000—K21+000 | 21 | pavement works, widening and consolidation of bridg | 4.32 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| | NO16.2 | K21+000—K41+940 | 20.94 | | 4.3 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| 17. S321 (Zhufan to Jiangkou) | NO17.1 | K0+000—K23+600 | 23.6 | pavement works | 4.84 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| 18. S321 (Fanchang to Boyangpo) | NO18.1 | K0+000—K14+453 | 14.453 | pavement works | 3.37 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| | NO18.2 | K14+453—K24+109 | 9.656 | | 2.25 | NCB/Works | Post | 4/30/2008 | 7/1/2008 |
| Subtotal : 41 contract sections | | | | | 190.71 | | | | |
| Part B Improvement projects | | | | | | | | | |
| 19. S311 (Chuzhou to Dingyuan) | NO19.1 | K0+000—K23+500 | 23.5 | Subgrade, bridge and culvert, pavement works | 9.17 | NCB/Works | Prior | 4/30/2008 | 7/1/2008 |
| | NO19.2 | K23+500—K46+800 | 23.3 | | 9.1 | NCB/Works | Prior | 4/30/2008 | 7/1/2008 |
| | NO19.3 | K46+800—K68+000 | 21.2 | | 8.27 | NCB/Works | Prior | 4/30/2008 | 7/1/2008 |
| 20. S311 (Chuzhou to Wuyi) | NO20.1 | K0+000—K19+700 (Subgrade works) | 19.7 | Subgrade, bridge and culvert | 11.64 | NCB/Works | Prior | 12/15/2007 | 3/15/2008 |
| | NO20.2 | K0+000—K19+700 (Pavement works) | 19.7 | pavement works | 13.68 | NCB/Works | Prior | 12/15/2007 | 3/15/2009 |
| 21. S322 (Taohuatan to Gantang) | NO21.1 | K0+000—K11+300 | 11.3 | Subgrade, bridge and culvert, pavement works | 8.22 | NCB/Works | Prior | 12/15/2007 | 3/15/2008 |
| | NO21.2 | K11+300—K30+149 | 18.85 | | 8.63 | NCB/Works | Prior | 12/15/2007 | 3/15/2008 |

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| 22. G205 (Caijiaqiao to Tanjiaqiao) | NO22.1 | K0+000—K28+000、K29+740—K37+155 (Pavement works) | 28 | Subgrade, bridge&culvert, pavement works | 12.75 | NCB/Works | Prior | 12/15/2007 | 3/15/2008 |
| | NO22.2 | K28+000—K30+450 | 2.45 | Quelling Tunnel | 6.3 | NCB/Works | Prior | 12/15/2007 | 3/15/2008 |
| | NO22.3 | K30+450—K37+155 (Subgrade works and Xiling Tunnel) | 6.71 | Including Xiling Tunnel | 3.53 | NCB/Works | Post | 12/15/2007 | 3/15/2008 |
| 23. G205 (Tangkou to | NO23.1 | K0+000—K44+100 | 44.1 | Subgrade, bridge and culvert, pavement | 12.77 | NCB/Works | Prior | 12/15/2007 | 3/15/2008 |
| 24. G205 (Tunxi to Provincial Boundary) | NO24.1 | K0+000—K22+650 | 22.65 | Subgrade, bridge and culvert, pavement works | 6.11 | NCB/Works | Prior | 4/30/2008 | 7/1/2008 |
| | NO24.2 | K22+650—K53+300 | 30.65 | | 6.57 | NCB/Works | Prior | 4/30/2008 | 7/1/2008 |
| 25. S105 (Chaohu to Wujiang) | NO25.1 | K0+000—K23+400 | 22.4 | Subgrade, bridge and culvert, pavement works | 28.48 | ICB/Works | Prior | 6/1/2008 | 9/1/2008 |
| | NO25.2 | K22+400—K44+700 | 22.3 | | 28.32 | ICB/Works | Prior | 6/1/2008 | 9/1/2008 |
| | NO25.3 | K44+70—K66+800 | 22.1 | | 31.15 | ICB/Works | Prior | 6/1/2008 | 9/1/2008 |
| Subtotal : 16 contracts | | | | | 204.69 | | | | |
| Part C Maintenance projects | | | | | | | | | |
| TBA | NO.hy1 | | | Routine maintenance, large and medium repairing | 0.75 | NCB Procurement /Works | Prior | TBA | TBA |
| TBA | NO.hy2 | | | routine maintenance, large and medium repairing | 0.75 | NCB Procurement /Works | Prior | TBA | TBA |
| Subtotal: 2 contracts | | | | | 1.50 | | | | |
| Part D Consulting Services | | | | | | | | | |
| TBA | TBA | NA | NA | Preparation of standard specifications for environment | 0.06 | IC | Prior | TBA | TBA |

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| TBA | TBA | NA | NA | Technological issues on pavement change and recycling | 0.15 | IC | Prior | TBA | TBA |
| TBA | TBA | NA | NA | Foreign assistance to establish and supervise the maintenance pilot. | 0.09 | IC | Prior | TBA | TBA |
| TBA | TBA | NA | NA | Training & study tour. | 0.75 | QCBS/CQ | Prior | TBA | TBA |
| TBA | TBA | NA | NA | Training & study tour. | 0.85 | NBF | NA | TBA | TBA |
| TBA | TBA | NA | NA | Road Asset Management Actions | 1.90 | NBF | NA | TBA | TBA |
| TBA | TBA | NA | NA | Impact Analysis | 0.14 | NBF | NA | TBA | TBA |
| TBA | TBA | NA | NA | Technological issues on pavement change and | 0.15 | NBF | NA | 1/24/2008 | 3/15/2008 |
| Subtotal : 8 contracts | | | | | 4.09 | | | | |

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| Total Works | 396.90 |
| Total of ICB/Works | 87.95 |
| Total of NCB/Works | 308.95 |
| Total of Services | 4.09 |
| Total of NBF Services | 3.04 |
| Total of Prior Review | 279.48 |
| Total of Post Review | 118.47 |

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