

EXHIBIT 10-H1 COST PROPOSAL Page 1 of 3

ACTUAL COST-PLUS-FIXED FEE OR LUMP SUM (FIRM FIXED PRICE) CONTRACTS

(DESIGN, ENGINEERING AND ENVIRONMENTAL STUDIES)

Note: Mark-ups are Not Allowed

Prime Consultant Subconsultant 2nd Tier Subconsultant

Consultant _____

Project No. _____ Contract No. _____ Date _____

DIRECT LABOR

Classification/Title	Name	Hours	Actual Hourly Rate	Total
(Project Manager)*	_____	_____	\$ _____	\$ _____
(Sr. Civil Engineer)	_____	_____	\$ _____	\$ _____
(Envir. Scientist)	_____	_____	\$ _____	\$ _____
(Inspector)**	_____	_____	\$ _____	\$ _____

LABOR COSTS

a) Subtotal Direct Labor Costs \$ _____

b) Anticipated Salary Increases (see page 2 for calculation) \$ _____

c) **TOTAL DIRECT LABOR COSTS [(a) + (b)]** \$ _____

INDIRECT COSTS

d) Fringe Benefits (Rate: _____%) e) Total Fringe Benefits [(c) x (d)] \$ _____

Overhead (Rate: _____%) g) Overhead [(c) x (f)] \$ _____

h) General and Administrative (Rate: _____%) i) Gen & Admin [(c) x (h)] \$ _____

j) **TOTAL INDIRECT COSTS [(e) + (g) + (i)]** \$ _____

FIXED FEE

k) **TOTAL FIXED FEE [(c) + (j) x fixed fee _____%]** \$ _____

l) CONSULTANT'S OTHER DIRECT COSTS (ODC) – ITEMIZE (Add additional pages if necessary)

Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs			\$ _____	\$ _____
Equipment Rental and Supplies			\$ _____	\$ _____
Permit Fees			\$ _____	\$ _____
Plan Sheets			\$ _____	\$ _____
Test			\$ _____	\$ _____

l) **TOTAL OTHER DIRECT COSTS** \$ _____

m) SUBCONSULTANTS' COSTS (Add additional pages if necessary)

Subconsultant 1: \$ _____

Subconsultant 2: \$ _____

Subconsultant 3: \$ _____

Subconsultant 4: \$ _____

m) **TOTAL SUBCONSULTANTS' COSTS** \$ _____

n) **TOTAL OTHER DIRECT COSTS INCLUDING SUBCONSULTANTS [(l)+(m)]** \$ _____

TOTAL COST [(c) + (j) + (k) + (n)] \$ _____

NOTES:

- Key personnel **must** be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
- The cost proposal format shall not be amended. Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans.
- Anticipated salary increases calculation (page 2) must accompany.

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ACTUAL COST-PLUS-FIXED FEE OR LUMP SUM (FIRM FIXED PRICE) CONTRACTS

(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor Subtotal per Cost Proposal	Total Hours per Cost Proposal	=	Avg Hourly Rate	5 Year Contract Duration
\$250,000.00	5000		\$50.00	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$50.00	+	2%	=	\$51.00	Year 2 Avg Hourly Rate
Year 2	\$51.00	+	2%	=	\$52.02	Year 3 Avg Hourly Rate
Year 3	\$52.02	+	2%	=	\$53.06	Year 4 Avg Hourly Rate
Year 4	\$53.06	+	2%	=	\$54.12	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year		Total Hours per Cost Proposal	=	Total Hours per Year	
Year 1	20.0%	*	5000	=	1000	Estimated Hours Year 1
Year 2	40.0%	*	5000	=	2000	Estimated Hours Year 2
Year 3	15.0%	*	5000	=	750	Estimated Hours Year 3
Year 4	15.0%	*	5000	=	750	Estimated Hours Year 4
Year 5	10.0%	*	5000	=	500	Estimated Hours Year 5
Total	100%		Total	=	5000	

4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)	=	Cost per Year	
Year 1	\$50.00	*	1000	=	\$50,000.00	Estimated Hours Year 1
Year 2	\$51.00	*	2000	=	\$102,000.00	Estimated Hours Year 2
Year 3	\$52.02	*	750	=	\$39,015.00	Estimated Hours Year 3
Year 4	\$53.06	*	750	=	\$39,795.30	Estimated Hours Year 4
Year 5	\$54.12	*	500	=	\$27,060.80	Estimated Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$257,871.10	
	Direct Labor Subtotal before Escalation			=	\$250,000.00	
	Estimated total of Direct Labor Salary Increase			=	\$7,871.10	Transfer to Page 1

NOTES:

1. This is not the only way to estimate salary increases. Other methods will be accepted if they clearly indicate the % increase, the # of years of the contract, and a breakdown of the labor to be performed each year.
2. An estimation that is based on direct labor multiplied by salary increase % multiplied by the # of years is not acceptable. (i.e. \$250,000 x 2% x 5 yrs = \$25,000 is not an acceptable methodology)
3. This assumes that one year will be worked at the rate on the cost proposal before salary increases are granted.
4. Calculations for anticipated salary escalation must be provided.

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. [Title 23 United States Code Section 112](#) - Letting of Contracts
4. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
5. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
6. [48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board](#) (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: _____ Title *: _____

Signature : _____ Date of Certification (mm/dd/yyyy): _____

Email: _____ Phone Number: _____

Address: _____

*An individual executive or financial officer of the consultant’s or subconsultant’s organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

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EXHIBIT 10-H2 COST PROPOSAL Page 1 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed

Consultant _____ Prime Consultant Subconsultant 2nd Tier Subconsultant

Project No. _____ Contract No. _____ Participation Amount \$ _____ Date _____

For Combined Rate	Fringe Benefit % + General & Administrative %	=	Combined ICR%
OR			
For Home Office Rate	Fringe Benefit % + General & Administrative %	=	Home Office ICR%
For Field Office Rate	Fringe Benefit % + General & Administrative %	=	Field Office ICR%
Fee			= %

BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²			Effective Date of Hourly Rate		Actual or Avg. Hourly Rate ⁴	% or \$ Increase	Hourly Range - for Classifications Only
	Straight ³	OT(1.5x)	OT(2x)	From	To			
John Doe – Project Manager * Civil Engineer II	\$0.00	\$0.00	\$0.00	01/01/2016	12/31/2016	\$0.00		Not Applicable
	\$0.00	\$0.00	\$0.00	01/01/2017	12/31/2017	\$0.00	0.0%	
	\$0.00	\$0.00	\$0.00	01/01/2018	12/31/2018	\$0.00	0.0%	
Sue Jones – Construction Engineer/Inspector Engineer I	\$0.00	\$0.00	\$0.00	01/01/2016	12/31/2016	\$0.00		Not Applicable
	\$0.00	\$0.00	\$0.00	01/01/2017	12/31/2017	\$0.00	0.0%	
	\$0.00	\$0.00	\$0.00	01/01/2018	12/31/2018	\$0.00	0.0%	
Buddy Black – Claims Engineer Engineer III	\$0.00	\$0.00	\$0.00	01/01/2016	12/31/2016	\$0.00		Not Applicable
	\$0.00	\$0.00	\$0.00	01/01/2017	12/31/2017	\$0.00	0.0%	
	\$0.00	\$0.00	\$0.00	01/01/2018	12/31/2018	\$0.00	0.0%	
Land Surveyor **	\$0.00	\$0.00	\$0.00	01/01/2016	12/31/2016	\$0.00		\$00 - \$00
	\$0.00	\$0.00	\$0.00	01/01/2017	12/31/2017	\$0.00	0.0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	01/01/2018	12/31/2018	\$0.00	0.0%	\$00 - \$00
Technician	\$0.00	\$0.00	\$0.00	01/01/2016	12/31/2016	\$0.00		\$00 - \$00
	\$0.00	\$0.00	\$0.00	01/01/2017	12/31/2017	\$0.00	0.0%	\$00 - \$00
	\$0.00	\$0.00	\$0.00	01/01/2018	12/31/2018	\$0.00	0.0%	\$00 - \$00

(Add pages as necessary)

NOTES:

1. Key personnel **must** be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
2. The cost proposal format shall not be amended.
3. Billing rate = actual hourly rate * (1+ ICR) * (1+ Fee). Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

EXHIBIT 10-H2 COST PROPOSAL Page 2 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant _____ Prime Consultant Subconsultant

Project No. _____ Contract No. _____ Date _____

SCHEDULE OF OTHER DIRECT COST ITEMS (Add additional pages as necessary)				
Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs			\$	\$
Equipment Rental and Supplies			\$	\$
Permit Fees			\$	\$
Plan Sheets			\$	\$
Test			\$	\$
Vehicle			\$	\$
Subconsultant 1:				\$
Subconsultant 2:				\$
Subconsultant 3:				\$
Subconsultant 4:				\$
Subconsultant 5:				\$

Note: Add additional pages if necessary.

NOTES:

1. List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
2. Proposed ODC items should be consistently billed regardless of client and contract type.
3. Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
4. Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
5. Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
6. Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.

7. If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
9. The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
10. Add additional pages if necessary.
11. Subconsultants must provide their own cost proposals.

EXHIBIT 10-H2 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

- 7. Generally Accepted Accounting Principles (GAAP)
- 8. Terms and conditions of the contract
- 9. [Title 23 United States Code Section 112](#) - Letting of Contracts
- 10. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
- 11. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
- 12. [48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board](#) (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: _____ Title *: _____

Signature : _____ Date of Certification (mm/dd/yyyy): _____

Email: _____ Phone Number: _____

Address: _____

* An individual executive or financial officer of the consultant’s or subconsultant’s organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

EXHIBIT 10-H3 COST PROPOSAL Page 1 of 2

COST PER UNIT OF WORK CONTRACTS
(GEOTECHNICAL AND MATERIAL TESTING)

Note: Mark-ups are Not Allowed

Prime Consultant Subconsultant 2nd Tier Subconsultant

Consultant _____

Project No. _____ Contract No. _____ Date _____

Unit/Item of Work:

(Example: Log of Test Boring for Soils Report, or ADL Testing for Hazardous Waste Material Study)
Include as many Items as necessary.

DIRECT LABOR	Hours	Billing Hourly Rate (\$)	Total (\$)
Professional (Classification)*	_____	_____	_____
Sub-professional/Technical**	_____	_____	_____
EQUIPMENT 1 (with Operator)	_____	_____	_____
EQUIPMENT 2 (with Operator)	_____	_____	_____

Consultant’s Other Direct Costs (ODC) – Itemize:

Description of Item	Quantity	Unit	Unit Cost	Total
ODC Example: Travel/Mileage Costs			\$	\$
ODC Example: Mobilization/De-mobilization			\$	\$
ODC Example: Supplies/Consumables			\$	\$
ODC Example: Report			\$	\$
ODC (List more ODCs as applicable)			\$	\$
Subconsultant 1:				\$
Subconsultant 2:				\$
Subconsultant 3:				\$
Subconsultant 4:				\$
Subconsultant 5:				\$

Note: Attach additional pages if necessary.

TOTAL COST PER UNIT OF WORK \$ _____

NOTES:

1. Key personnel **must** be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals. The cost proposal format shall not be amended.
2. Hourly billing rates should include prevailing wage rates and be consistent with publicly advertised rates charged to all clients (Commercial, Private or Public).
3. Mobilization/De-mobilization is based on site location and number and frequency of tests/items.
4. ODC items shall be based on actual costs and supported by historical data and other documentation.
5. ODC items that would be considered “tools of the trade” are not reimbursable.
6. Billing Hourly Rates must be actual, allowable, and reasonable.

EXHIBIT 10-H3 COST PROPOSAL Page 2 of 2

Certification of Direct Costs:

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- 13. Generally Accepted Accounting Principles (GAAP)
- 14. Terms and conditions of the contract
- 15. [Title 23 United States Code Section 112](#) - Letting of Contracts
- 16. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
- 17. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
- 18. [48 Code of Federal Regulation Part 9904 - Cost Accounting Standards Board](#) (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Prime Consultant or Subconsultant Certifying:

Name: _____ Title*: _____

Signature : _____ Date of Certification (mm/dd/yyyy): _____

Email: _____ Phone Number: _____

Address: _____

* An individual executive or financial officer of the consultant’s or subconsultant’s organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract: